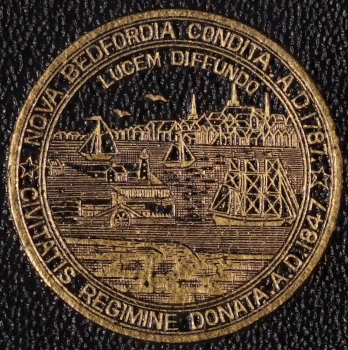

NOVA BEDFORDIA CONDITA A.D. 1787
LUCEM DIFFUNDO
CIVITATIS REGIMINE DONATA A.D. 1847

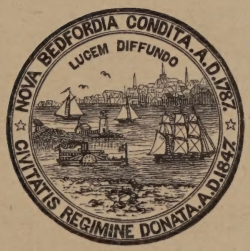
CITY DOCUMENTS

Municipal Register 1916

Mayor's Address to the Council

Annual Reports, Etc.

FOR THE YEAR 1915.



CITY OF NEW BEDFORD

MASSACHUSETTS.

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Municipal Register

JUNE 1, 1916

MAYOR.

HON. EDWARD R. HATHAWAY, 106 Brigham Street,
Salary $5,000.

ALDERMEN—Salary $100 each.

Ward One:—SAMUEL A. GOODFELLOW .. ..198 Whitman Street
Ward Two:—ELZEAR H. CHOQUETTE ...192 Mt Pleasant Street
Ward Three:–EDWARD O. KNOWLES.....556 County Street
Ward Four:—JOHN H. AINDOW.....271 Palmer Street
Ward Five:—SAMUEL E. BENTLEY, ...106 South Street
Ward Six: —GILBERT G. SOUTHWORTH, ...694 Brock Avenue

President:—ALDERMAN BENTLEY.

Clerk:—W. H. B. REMINGTON.

COMMON COUNCILMEN.

Ward One.

ARTHUR A. AUDETTE .....1205 Acushnet Avenue
GEORGE D. LACROIX.....119 Tallman Street
JOHN T. SLOANE.....433 North Front Street
BURGOYNE WOOLLEY..... 185 Whitman Street

Ward Two.

JAMES F. COLLINS .....27 Trinity Street
EDWARD T. GLENNON.....545 Cottage Street
JOHN H. HOLLIHAN.....79 Richmond Street
FIELDING H. WALSH.....21 Ashland Place

Ward Three.

CHESTER W. CHASE .....68 Hillman Street
GEORGE T. DUCKWORTH .....137 Smith Street
HUBERT S. KELLEHER.....1174 Purchase Street
EDWARD L. MORIARTY.....397 Park Street

Ward Four.

FREDERICK J. J. ABRAMS.....237 Middle Street
CHARLES L. FISHER.....361 Arnold Street
W. SEYMOUR LANGSHAW.....152 Cottage Street
WALTER H. PEIRCE .....304 Kempton Street

Ward Five.

MURRAY F. BARROWS.....215 Hawthorn Street
HARRISON T. BORDEN.....154 Fair Street
WILLIAM J. FRANCIS.....21 Crapo Street
JOHN McCULLOUGH, 3d.....38 South Sixth Street

Ward Six.

FRANK J. CAMBRA .....163 Bonney Street
WILLIAM J. HARNISH.....15 Ruth Street
GRORGE A. J. LAGASSE.....119 Ruth Street
JAMES O'ROURKE .....185 Division Street

President:—JOHN H. HOLLIHAN.

Clerk:—CHARLES P. SAWYER. Salary, $500.

Standing Committees of the Mayor and Board of Aldermen.

Burial Grounds—Aldermen Aindow (ch.), Bentley, Southworth.
Enrollment—Alderman Southworth (ch.), Goodfellow, Choquette.
Licenses—Alderman Knowles (ch.), Aindow, Bentley.
Streets—The Mayor (ch.), Aldermen Knowles, Bentley.
Police—The Mayor (ch.), Aldermen Aindow, Southworth.
Soldiers' Aid—The Mayor (ch.), Aldermen Goodfellow, Southworth.

JOINT STANDING COMMITTEES OF THE CITY COUNCIL.

Armories and Military Property — Aldermen Southworth (ch.), Bentley; Councilmen Audette, Walsh and Duckworth.

Audit — Aldermen Aindow (ch.) Goodfellow; Councilmen Sloane, Glennon and O'Rourke.

Bath Houses — Aldermen Southworth (ch.), Aindow; Councilmen Audette, Chase and Cambra.

Buildings in the Fire Districts—Aldermen Aindow (ch.), Choquette; Councilmen Collins, Abrams and McCullough.

Charities, Almshouse and the Poor — Aldermen Choquette (ch.), Knowles; Councilmen Wooley, Collins and Harnish.

City Property—Aldermen Choquette (ch.), Southworth; Councilmen Lacroix, O'Rourke and Fisher.

Claims — Aldermen Bentley (ch.), Goodfellow; Councilmen Walsh, Langshaw and Peirce.

Education— Aldermen Choquette (ch.), Knowles; Councilmen Peirce, Borden and Francis.

Finance—The Mayor (ch.), Alderman Knowles; Councilmen Sloane, Hollihan, Duckworth, Fisher, Francis and Lagasse.

Fire Department — Aldermen Goodfellow, (ch.), Bentley, Councilmen Lacroix, Glennon and Audette.

Fuel — The Mayor (ch.), Alderman Aindow; Councilmen Walsh, Langshaw and McCullough.

Ordinances — Alderman Bentley (ch.), Goodfellow; Councilmen Chase, Abrams and Barrows.

Printing — Alderman Aindow (ch.), Councilmen Duckworth and Kelleher.

Roads, Bridges and Sewers — Aldermen Knowles (ch.), Aindow; Councilmen Borden, Lagasse and Harnish.

Street Lights—Aldermen Bentley (ch.), Goodfellow; Councilmen Woolley, Kelleher and Lagasse.

Water Works and Water Supply — Aldermen Knowles (ch.), Choquette; Councilmen Barrows, McCullough and Cambra.

Wharves—Aldermen Goodfellow (ch.), Aindow; Councilmen Moriarty, Barrows and Cambra.

STANDING COMMITTEES OF THE COMMON COUNCIL.

Bills in the Second Reading — Councilmen Kelleher (ch.), Moriarty and Francis.

Elections and Returns — Councilmen Collins (ch.), Langshaw and Peirce.

Enrolled Ordinances — Councilmen Chase (ch.), Moriarty and Abrams.

DEPARTMENTS.

City Clerk — WALTER H. B. REMINGTON, Salary $3,000. 219 Ash Street. **Assistant City Clerk** — JAMES DIGNAM, Salary $1,500, 289 Maple Street.

City Treasurer and Collector of Taxes - CHARLES S. HOWLAND, Salary $3,500. 89 Chestnut Street.

City Auditor—EDWARD L. CRONIN, Salary $2,500, 119 Maxfield Street. **Assistant City Auditor**—EDWIN L. TILLINGHAST, Salary $1,700, 180 Clinton Street.

Clerk of Committees—CHARLES P. SAWYER, Salary $1,500. 42 Park Street.

City Solicitor—HENRY E. WOODWARD, Salary $3,000. 40 Florence Street.

City Engineer—GEORGE H. NYE, Salary $3,000. 23 Arnold Place.

Superintendent of Streets — WILLIAM P. HAMMERSLEY, Salary $3,000, 16 Maple View Terrace.

Superintendent of Public Buildings and Inspector of Buildings— JOSEPH L. GIBBS, Salary $2,500. 569 Purchase Street.

Assistant Superintendent of Public Buildings — JOHN WATLING. Salary $1,500. 35 Larch Street.

Inspector of Wires, THOMAS A. LOFTUS. Salary $1,500. 314 Court Street.

OTHER OFFICIALS.

City Physician—Salary $550. SAMUEL K. SEGALL, M. D. 1208 Acushnet Avenue. Term expires February, 1917.

Sealer of Weights ana Measures — JOHN HOBIN, 1285 Pleasant Street. Salary $1,200.

City Forester—WILLIAM P. HAMMERSLEY, Superintendent of Streets, ex-officio. Salary $100.

Harbor Master— EDWARD T. CASWELL. Salary $300. 21 Jenny Lind Street.

City Wharfinger—HENRY F. WEST. 209 So. Second Street. Fees.

Inspector of Crude Petroleum—ORVILLE E. YOUNG. 246 Palmer Street. Fees.

Fence Viewers—STEPHEN H. BOND, 75 Carroll Street; SAMUEL W. JENNINGS, 401 Pleasant Street; THOMAS THORLEY, 467 Allen Street.

Caretaker of Graves of Soldiers and Sailors — HURLBURT E. THOMAS, 177 Shawmut Avenue, (Assistant Superintendent of Cemeteries.) No salary.

Registrar of Labor (Under Massachusetts Civil Service Commission) —WILLIAM J. CARTER, 409 Bolton Street. Salary $300.

Consulting Engineer, Intercepting Sewer — WILLIAM F. WILLIAMS, 34 Court Street. Salary $2,000.

Superintendent of Sewers—Superintendent of Streets, ex-officio.

Inspector of Milk, Provision and Animals Intended for Slaughter —Dr. Herbert B. Hamilton, 79 Hillman Street. Salary $1,700.

BOARD OF HEALTH.

Salary $500 each.

J. UBALDE PAQUIN, M. D. Term expires February, 1917
COOPER GAW, Term expires February, 1918
JOSEPH R. GLENNON, Term expires February, 1919
J. UBALDE PAQUIN, M. D., Chairman

Agent and Executive Officer — Salary $2,200.
WILLIAM G. KIRSCHBAUM

Clerk — Salary $1,000
SUSAN J. SMALL,

Assistant to Clerk — $15 per week.
EDNA E. WRIGHT,

Sanitary Inspectors, Salary $1,100
THOMAS DAHONEY, JOHN E. GLENNON.
EDWARD RAYMOND.

Emergency Inspector
ROBERT N. R. DOANE,

Inspectors of Plumbing—Salary, $1,500 each.
LOUIS H. RICHARDSON, WILLIAM DEACON.

Medical Inspector—Salary, $1,500
A. N. SENESAC, M. D.

Oculists — Salary $1000 each.
FREDERICK L. CLARK, M.D. CHAS. M. ATCHISON, M.D.

Bacteriologist—Salary $1,000
A. H. MANDELL, M. D.

Quarantine Physician
JOSEPH A. FRASIER, M. D.

Public Vaccinators
L. K. DORAN, M. D. R. D. HEAP, M. D.

Nurse — $19 per week.
SARAH W. CHASE

Nurse to Parochial Schools—$20 per week for 40 weeks.
CATHERINE W. LOWNEY

Medical School Inspectors—Salary, $400 each

DR. A. V. PIERCE
DR. CHARLES SHANKS
DR. W. A. NIELD
DR. E. P. SEAVER, JR.
DR. E. ST. J. JOHNSON
DR. J. F. WEEKS
DR. J. P. ST. GERMAIN
DR. J. C. ROSS
DR. D. J. LOWNEY
DR. WILLIAM ROSEN

Inspector of Milk, Provisions, Slaughtering, etc.—Salary, $1,700
H. B. HAMILTON, D. V. S.

ASSESSORS.

Salary $2,000 each

JOHN HANNIGAN, Chairman	Term expires 1918
JOSEPH H. HANDFORD, Secretary	Term expires 1916
JOHN H. FINNELL,	Term expires 1917

Assistant Assessors

Salary $4.00 per day when employed.

Ward 1—JOSEPH A. DIONNE
Ward 2—JAMES H. HOLDEN
Ward 3—FREDERICK A. WASHBURN
Ward 4—ROLAND A. LEONARD
Ward 5—FREDERICK D. SOULE
Ward 6—JOHN B. ROBERTS

OVERSEERS OF THE POOR

Salary, $300 each

ULRIC E. COLLETTE, Chairman

CHARLES E. VAUGHAN,	Term expires May 1, 1916
ULRIC E. COLLETTE,	Term expires May 1, 1917
ANTONIO A. FERNANDES,	Term expires May 1, 1918

Secretary and Almoner—Salary, $2,000
DOUGLAS L. McGEE

Stenographer—Salary $15 per week
LUCY E. BROADBENT

Visitor and Portuguese Interpreter—Salary, $1,200
ANTONE H. SENNA

Visitor — Salary $18 per week
RAYMOND HALLOWELL

Clerk—Salary $12 per week
M. CATHERINE ROGERS

Clerk and French Interpreter—Salary, $1,200.
JOSEPH A. DESJARDINS

Physicians to Board — Salary, $75 per month each.
Physician to the North District
ARTHUR L. BRUNELLE, M. D.

Physician to the Centre District
HARRY L. STEVENS, M. D.

Physician to the South District
FRANK W. MATHEWSON, M. D.

Physician to Clarks Point and Almshouse
LOUIS D. PERRAS, M. D.

Superintendent of Almshouse, Salary $1,050
THOMAS F. BROWN

Matron of Almshouse—Salary $400
CATHERINE E. BROWN

Chaplain of Almshouse
REV. CHARLES S. THURBER

TRUSTEES FREE PUBLIC LIBRARY

Ex-Officio — Terms expire January 1916.

EDWARD R. HATHAWAY.....Mayor of the City.
JOHN H. HOLLIHAN.....President of the Common Council.
ELZEAR H. CHOQUETTE, Chairman of the Committee of the City Council on Education.

Elected by the City Council

ABBOT P. SMITH,	Term expires April, 1917
JIREH SWIFT, JR.,	Term expires April, 1917
FRANK A. MILLIKEN,	Term expires April, 1918
SAMUEL F. WINSPER,	Term expires April, 1918
CHARLES M. HOLMES,	Term expires April, 1919
FRANCIS M. KENNEDY,	Term expires April, 1919

President of the Board
THE MAYOR

Clerk
GEORGE H. TRIPP

COMMISSIONERS OF SINKING FUND

WILLIAM A. MACKIE, Chairman

WILLIAM A. MACKIE,	Term expires March, 1917
CHARLES S. KELLEY, JR.	Term expires March, 1918
HERBERT C. WILBOR,	Term expires March, 1919

WILLIAM S. COOK, Secretary and Treasurer—Salary $300

NEW BEDFORD WATER WORKS

New Bedford Water Board

EDWARD R. HATHAWAY, Mayor, ex-officio, President

JOHN H. HOLLIHAN,	President of Common Council, ex-officio
WILLIAM H. PITMAN,	Term expires June, 1918
FREDERIC H. TABER,	Term expires June, 1919
LETTICE R. WASHBURN,	Term expires June, 1917

Clerk
ROBERT C. P. COGGESHALL

Superintendent—Salary, $3,000
ROBERT C. P. COGGESHALL

Water Registrar—Salary, $1,800
CLIFFORD BAYLIES

BOARD OF PARK COMMISSIONERS

WILLIAM P. COVELL, Chairman

WILLIAM F. CASWELL,	Term expires 1st Monday in May, 1917
WILLIAM FERGUSON,	Term expires 1st Monday in May, 1918
WILLIAM P. COVELL,	Term expires 1st Monday in May, 1919
GEORGE H. HEDGE,	Term expires 1st Monday in May, 1920
JOSEPH BARNES,	Term expires 1st Monday in May, 1921

WILLIAM F. CASWELL, Secretary

General Superintendent—Salary, $2,000
THOMAS W. COOK

CEMETERY BOARD

WILLIAM M. HIGHAM, Chairman

WILLIAM M. HIGHAM,	Term expires May 1, 1918
JOHN G. NICHOLSON,	Term expires May 1, 1919
CHARLES H. VINAL,	Term expires May 1, 1917

CHARLES H. VINAL, Secretary

Assistant Superintendent of Cemeteries—Salary, $1,200
HURLBERT E. THOMAS

REGISTRARS OF VOTERS

Salary $400 each

CHANNING WILDE, (Dem.) Chairman,	Term expires May, 1917
WILLIAM J. GLASGOW, JR., (Dem.)	Term expires May, 1918
JOSEPH A. DESAULNIERS, (Rep.)	Term expires May, 1919

W. H. B. REMINGTON, (Rep.) Clerk, Salary, $300.

LICENSING BOARD

Salary, $500 each

JOHN V. THUOT, Chairman and Secretary

GEORGE H. POWER, (Dem.)	Term expires 1918
MINER W. WILCOX (Rep.)	Term expires 1920
JOHN V. THUOT, (Rep.)	Term expires 1922

FIRE DEPARTMENT

Board of Fire Engineers

EDWARD F. DAHILL, Chief Engineer, Term expires April, 1918
Salary, $2,500.

JAMES J. DONAGHY, First Assistant Engineer, Elected yearly in April, 1916. Salary, $1,700.

WILLIAM E. WATSON, Jr., Second Assistant Engineer. Elected yearly in April. Salary, $1,500.

FRANK R. PEASE, Third Assistant Engineer. Elected yearly in April. Salary, $1,500.

JOSEPH P. KENNEDY—Clerk of Board. Salary, $500.

THE NEW BEDFORD PROTECTING SOCIETY.

1916—1917

PRESIDENT:
CHAS. S. KELLEY, JR.

DIRECTORS.

HENRY S. HUTCHINSON
THOMAS B. AKIN
CHAS. S. BAYLIES
EDWARD B. ROBBINS
F. OSCAR COVILL
F. P. R. PATTERSON
JOSEPH F. CORNWELL
ERNEST H. BOUCHER

SECRETARY AND TREASURER:
CHESTER P. REXFORD

Allen, Geo. H. H.
Webber, James A.
Swift, Horace W.
Blair, John K.
Dawe, William C.
Bonneau, F. A.
Bourne, Williams S.
Brightman, Harry C.
Brooks, Arthur T.
Coe, I. H., Jr.
Coggeshall, R. C. P.
Brooks, Andrew J.
Williams, Thos. W.
Delano, Arthur D.
Read, W. Kempton
Francis, James P.
Covill, Clarence W.
Gifford, Frank H.
Gifford, Thos. J.
Chase, Chester W.
McDonald, Henry J.
Howard, Henry, Jr.
Budlong, James E.
Humphrey, Jas. L., Jr.
Taber, George C.
Knowles, Henry S.
Macy, Frederick B.
Macy, George I.
Macy, J. Roland
Shaw, John C.
Manchester, P. F.
Mendelson, Hyman
Tuell, Clifton P.
Watson, Edwin M.
Makin, Henry J.
Parker, David L.
Perry, Samuel H.
Pitman, William H.
Porier, Aime J.
Potter, William F.
Oesting, Edward A.
Olivier, Geo. L.
Oman, Charles E.
Smith, Nat. C.
Richardson, Louis H.
Francis, Arthur S.
Phillips, William C.
Robinson, Wm. A., Jr.
Butler, Morgan
Sharples, Charles S.
Sharples, Arthur
Smith, Alex. T.
Dunham, Otis M.
Sullivan, D. J.
Sears, Louis A.
Taber, Frederic H.
Taylor, Wm. T.
Whittemore, Harry E.
Wagner, Isaiah C.
Wood, Horace
Burke, Harry
Russell, Charles A.
Allen, Lesley B.
Bliven, George F.
Carpenter, Orrin B.
Parker, Ward M.

POLICE DEPARTMENT.

Chief
Salary, $2,500
TIMOTHY C. ALLEN

Deputy Chief
Salary, $1,800
JOHN C. PARKER

Captains
Salary, $1,500 each

DANIEL DENEEN
HARRY D. STOW
FRANK W. SYLVIA
THOMAS J. TAFT

Chief Inspector
Salary $1,500
WALTER ALMOND

Inspectors
Salary $23.86 per week each.

GEORGE R. LAWRENCE
BENJAMIN LAMOTHE
ALBERT E. MOSHER
CHARLES F. SMITH

Lieutenants
Salary $23.86 per week each

NARCISSE A. BREAULT
EDWARD P. DOHERTY
THOMAS FAY
WILLIAM FOWLER
CHARLES L. McBAY
JEREMIAH McCARTHY
SAMUEL D. McLEOD
WILLIAM E. ROSCOE
WILLIS C. UNDERWOOD
JOSEPH B. WING

Sergeants
Salary $22.42 per week each.

HARRY C. ELLIS
EDMUND FOLEY
AROD B. HOLLOWAY
JAMES J. MOORE
FRANK L. REMINGTON
JAMES W. SAVAGE
GEORGE A. SHERMAN
DANIEL P. SWEENEY
CHESTER L. TRIPP
WILLIAM WELSH

Inspector of Minor Licenses
JOSEPH S. MANNING

Police Matron
Salary $2.00 per day
SARAH M. BROWNELL

Keeper of the Lockup
Salary, $100 per year
TIMOTHY C. ALLEN

PATROLMEN

Salary: 1st year $2.50 per day.
2d year $2.75 per day.
3rd year $3.00 per day.

Aillery, Constant
Allen, Charles E.
Almond, William, Jr.
Ashley Henry T.
Astley, Thomas
Astley, Maurice
Barbour, Robert L.
Boehler, Max F.
Bolton, James E.
Bourgeois, Albibi
Breault, Joseph A.
Brennan, Michael J.
Briggs, Myron S. A.
Brightman, Ellery E.
Brophy, Edward O.
Butts, Henry
Cash, James
Caswell, Charles A.
Chase, Raymond
Chausse, Onat A.
Cleary, William E.
Cole, William T.
Craft, James F.
Crapo, Albert A.
Cushing, William S.
Daley, Charles F.
Davies, John W.
Deane, James
Degrasse, Charles H.
Doherty, Thomas
Downey, Daniel
Downey, John B.
Downey, William M.
Dupuis, Patrick H.
Dupuis, Wilfred H.
Durant, Lawrence J.
Earley, Edward C.
Evans, John
Fanning, John F.
Faunce, Albert M.
Fay, John H.
Fell, Charles
Fernandes, Joseph A.
Francis, Antone
Freitas, Manuel
Gatenby, James S.
Gibbs, Nathaniel F.
Glennon, William F.
Gobiel, Joseph
Gorner, Arthur
Grant, George P.
Gregory, William
Hafford, Stephen, Jr.
Haggerty, Timothy F.
Haran, Luke T.
Haran, John F.
Harding, James P.
Harrington, Daniel
Hawes, Harry C.
Hayden, Abram L.
Head, Edgar E.
Hickey, William B.
Horton, Eliphalet H.
Howes, Charles M.
Howland, William A. E.
Hynes, Edward A.
Irwin, Henry, Jr.
Ivey, James A.
Jacobs, Ellsworth C.
Jenkins, Thomas J.
Johnson, Harry
Kane, John
Karcher, Frederick, Jr.
Kelley, Michael J.
Kinney, William E.
Kinney, Joseph R.
Leahy, William T.
Lemaire, Anthony C.
Lentz, Joseph A.
Lowther, George H.
Marden, James
McKinstry, Albert B.
McCarthy, William H.
McCrohan, John H.
McFarlane, Joseph A.
McGoff, James E.
McDonald, Daniel J.
McEnnis, Robert B.
McKay, John T.
Miller, John J.
Mitchell, William
Mott, Cassius B.
Muldoon, Thomas
Mullins, Enoch
Murphy, Edward
Murphy, Francis A.
Murphy, Lawrence
Nault, Joseph

Nelson, Ivar V.
Oliver, John F.
Perry, Anthony E.
Phinney, Charles E.
Pieraccini, Raphael
Place, Joseph A.
Pollock, John H.
Prifogle, Edward
Reddy, Michael
Rooks, Albert H.
Rooks, John C.
Sanders, Joseph A.
Searell, William E.
Seddon, Thomas
Souza, William H.
Spooner, John C.
Stanley, Charles A.
Staples, Walter C.
Sullivan, James H.
Sullivan, Mathew
Sundin, Carl A.
Sylvia, Antone F.
Taber, Jeremiah H.
Touchette, Hermes
Velho, Augustine F.
Vogel, Robert F.
Walsh, John P.
Walsh, William
White, Albert B.
Winterson, Henry B.
Wilcox, Seth A.
Williams, Benjamin F., Jr.
Williams, Charles H.
Wixon, James A.
Woolfenden, Albert

EMERGENCY OFFICER:

Salary $3.00 per day.

Patrick Kennedy

WAGONMEN:

Murdy, Robert H.
Paige, George W.
Nickerson, Charles F.

CHAUFFEURS

Dalbec, Edmond
Meade, James
Nickerson, Charles F.
Patterson, Charles G.
Ryan, William M.
Turgeon, Joseph V.

HOUSEKEEPERS:

Salary $2.50 per day.

Cannavan, Patrick
Dodds, James
Kenney, Patrick
Meehan, Daniel
Smith, Andrew J.
Sullivan, Timothy
Wilson, Thomas H.

PENSIONED:

Clough, George V.
Comstock, Thomas W.
Mason, Henry W.

JANITORS:

Allen, Charles G.
Drew, Moses C.

LABORER:

Atwood, William W.

RESERVE POLICE:

Bedford, Ellverado
Benoit, William R.
Berry, James W.
Burgess, Edward
Burke, John E.
Carroll, Eudore
Carroll, James M.
Downey, Stephen P.
Dupuis, Bernard
Fay, Miles L.
Fowler, Harry
Gero, Henry R.
Hamersley, Raymond
Hickey, James M.
Hutchinson, George R.
Lague, Ernest
Machado, Manuel
Maynard, John
Manning, James L.
McDonnell, James
McDonald, William F.
Nunes, George J.
O'Rourke, John J.
O'Rourke, Thomas
Parkinson, John
Poirier, David J.
Reed, George H.
Reedy, Joseph C.
Schultz, Gabriel
Spooner, Charles A.
Sullivan, John T.
Sundin, Henning E.
Turgeon, Francois X.
Valentine, Thomas A.
Vincent, Charles H.
Wilson, George A.
Wooley, Thomas

SPECIAL POLICE OFFICERS:

Adams, John
Algar, Reuben T.
Allaire, Alphonse J.
Allen Charles G.
Allen, David W.
Allen, George H.
Amaral, Nedhart F.
Anderton, Arthur
Andrews, William
Arendt, Walter
Arnett, Robert
Arruda, Manuel
Audette, John
Avilla, Joseph P.
Baker, Daniel A.
Baker, Daniel W.
Baldwin, Walter Jr.
Bariteau, Victor J.
Bear, John G.
Benoit, Alfred F.
Bentley, Frank T.
Berry, James H.
Bliss, Frederick P.
Bliss, William H.
Bonnin, Narcisse
Booth, Benjamin T.
Booth, Charles L.
Booth, John
Bosworth, Joseph
Bourbeau, Augustine
Bourgeault, Agon
Brennan, Charles W.
Brown, William L. G.
Brownell, Herbert A.
Buckley, Alfred R.
Buckley, John P.
Buckley, Maurice L.
Burgess, Stephen
Burke, Charles
Burke, Harry
Burke, Michael I.
Burke, Raymond
Burt, Hadley A.
Butts, Henry R., Jr.
Butts, James D.
Callahan, John
Cantwell, John T.
Cardin, Adelard Eddie
Carney, John F.
Carter, John
Cathcart, Charles E.
Cash, James
Charpentier, Hormidas
Chase, Aruna S.
Chenoweth, H. A.
Clark, Edward
Clark, William
Clarkson, Nicholas J.
Claudino, Manuel L.
Clitheroe, Thomas
Clynes, Thomas
Collins, John
Concannon, Myles F.
Conklin, Abraham

Connelly, Daniel J.
Connolly, John
Corley, Maurice C.
Cornell, Abraham
Cornell, Sydney I.
Corson, J. A.
Costa, Joseph L. Jr.
Cote, Joseph
Cowen, James L.
Cronin, Cornelius
Crow, James
Cummings, Archibald
Cunningham, George W.
Davenport, Charles H.
Davis, Alfred A.
Dawe, William C.
Dean, Thomas F.
Demars, Arthur
Dessert, Antoine
Devoll, George H.
Doiron, Wilfred
Driscoll, Patrick J.
Dubois, Eugene
Duckworth, William A.
Duffy, Thomas
Dunlevy, Thomas
Dutra, Manuel
Duval, Napoleon
Dwyer, Thomas
Dwyer, Walter
Edwards, Robert E.
Eldridge, Samuel T.
Ellis, Robert C.
England, George
Fairclough, Thomas
Fanning, John F.
Farnham, Charles W.
Fay, Miles H.
Ferguson, Joseph
Ferguson, William
Fernandes, Joseph H.
Field, Edward H.
Fournier, Aldei
Francis, William H.
Gauthier, Levi
Fingal, Stening
Finn, Michael
Flathers, Walter J.
Folger, Frank
Foster William E.
Fournier, Napoleon J.
Francis, Frank W.
Francis, Frederick J.
Francis, Joseph K.
Furtado, Manuel J.
Garvin, Patrick F.
Geary, Albert V.
Geddis, Henry S.
Gendron, George D.
Gibbs, George H.
Gibbs, Preston H.
Gibbs, William H.
Gifford, George H.
Gifford, John
Gifford, John F.
Glennon, Thomas F.
Gomes, Michael
Goodwin, Albert
Gray, Shirley H.
Greene, Joseph S.
Greene, Marshall S.
Greer, John
Gregoire, Philias
Grew, John W.
Guyer, Henry
Hannigan, John
Harrington, Cornelius
Harrington, Daniel H.
Harrington, John S.
Hathaway, Henry L.
Hathaway, John T.
Hatton, Charles
Henner, Noe
Heron, James T.
Higginbottom, Eli
Hildreth, Samuel
Hill, Frank Leslie
Hoarle, George E.
Holland, William H.
Holloway, James T.
Holmes, Ezra
Holmes, John J.
Holmes, Thomas C.
Houle, Dolor A.
Howland, George W.
Howland, William G.
Hurll, Daniel
Irwin, Henry
Jameson, Frederick
Jason, Alonzo M. Jr.
Jason, Antone
Jameson, Harry A.
Jennings, Charles E.
Johnson, Oscar
Johnson, William Harold
Jones, John J.
Jordan, F. C.
Kelley, Hiram C.
Kennedy, Augustus M.
Kennedy, Thomas

Kenyon, Benjamin W.
Kiernan, Thomas
King, Joseph T.
Kniffen, Lewis
Ladino, Manuel M. Jr.
Lagasse, Telesphore
Lajoie, Eugene
Lamery, Arcade
Leary, Dennis, Jr.
Leary, Michael M.
LeClair, William
Lefere, Louis
Leite, Louis
Levasseur, Ludger
Lima, Anthony M. Jr.
Lima, Joseph
Little, Frank
Little, John E.
Littler, Henry
Lumbert, Hiram T.
Lupo, E. D.
Luther, Joseph P.
Lyons, John
Lynch, Simeon F.
Lyng, William H.
Macia, William H.
Macomber, H. M.
Magnant, Isaie
Magnant, John B.
Mallon, John
Marshall, Thomas R.
Martel, Henry
Matthews, Howard L.
McCann, Edward J.
McCoy, Patrick
McDonald, Patrick J.
McHugh, John
McKenna, Frank
McSally, James
Mello, Arthur
Mello, Jose Jacinto
Melzer, Alois
Menez, Manuel
Miller, George
Montague, Henry
Moran, Charles
Morosse, Alfred
Morrison, Thomas
Morrissey, Alex
Mosher, Willard B.
Mott, Cassius B.
Mullins, James J.
Mullins, John
Nault, Joseph
Nelson, Samuel J.
Netcher, George F.
Noonan, Thomas
Normandin, Frank
Norton, Charles H.
Oliveira, Antone
Oliver, Garrison L.
Oliver, John
O'Malley, William
O'Dette, J.
Outlaw, Walter E.
Palmer, Robert
Parker, Charles W.
Peltier, Joseph P.
Pettey, Benjamin H.
Phillips, Henry T.
Pierce, Clarence E.
Pierce, Jason F.
Pierce, Thomas H.
Place, William J.
Poirier, Thomas M.
Pollock, Frederick O.
Pollock, John H.
Potter, Walter S.
Quntanihla, Antonio V.
Rainville, Joseph G.
Rau, Gustavus L.
Rawstron, John
Read, Richard A.
Reed, W. Kempton
Reed, Frank F.
Resendes, Frank F.
Resendes, Seraphin
Reynolds, Charles H.
Reynolds, James R.
Richie, David
Ridings, Thomas H.
Riley, Thomas S.
Robbins, Edmund M.
Robinson, Charles
Rooney, John L.
Rosseau, Arthur
Rouiller, Domina
Roy, John V.
Roy, Romuald J.
Russell, Edward
Sadler, William G.
Salmon, John
Sargent, William A.
Sawyer, William
Senesac, Harvey
Shaw, John C., Jr.
Shea, Michael J.
Sheenan, Daniel D.
Sheffield, John P.
Sherman, John

Sicard, Phillippe
Silva, Amador
Silva, Joaquin da
Simpson, Andrew A.
Slater, Rothwell
Smethurst, Harry
Smith, Henry H.
Soucy, Joseph
Souza, Arthur E.
Souza, Manuel
Sowle, Herbert T.
Spicer, Robert H.
St. Aubin, Philip
St. Onge, Antoine
St. Peter, Albert
Staples, Ellis
Stephens, H. A.
Stephens, Michael
Stephenson, John
Sutcliffe, Arthur
Sweeney, James
Swift, Horace W.
Sylvia, Charles G.
Sylvia, John J.
Sylvia, Manuel
Sylvia, Manuel (No. 2.)
Taber, George C.
Tallman, Edward S.
Taylor, Henry
Taylor, William A.
Taylor, William J.
Tebarge, John
Thomas, Edward, Jr.
Thomas, Joseph S.
Thomas, Foldo
Thompson, George L.
Thompson, James A.
Thompson, Thomas
Thornton, John H.
Tripp, Benjamin E.
Tripp, Leroy G.
Tucker, Theodore L.
Tyson, James
Viera, Joseph S.
Viera, Joseph
Vining, Charles W. Jr.
Vera, Louis
Wagner, I. C.
Walsh, Joe
Ward, David G. F.
Warfield, James H.
Waters, Charles O.
Watts, William H. C.
Webb, Elijah
Weedall, Samuel
Wells, L. A.
Westwood, Benjamin
Whitehead, Albert
Whitman, William
Wilbur, Allen R.
Wilbur, William
Wilcox, Otis A.
Wildman, David
Wilcox, William H.
Wiley, James
Wilkinson, Henry
Williston, Hiram L.
Wood, James A.
York, Irving LeRoy

CONSTABLES:

The Members of the Police Force and

Barnum, James E.
Benoit, Alfred F.
Black, Jacob
Bryant, John H.
Damon, Clarence L.
Dean, John H.
Doane, Robert N. B.
Edgerton, William J.
Foster, William E.
Francis, Frederick J.
Galligan, Patrick J.
Gaucher, Elphege
Greene, Anthony F.
Hall, William Patrick
Jackson, Herbert M.
Luce, John E.
Lynch, John W.
Mellody, Anthony J.
Noyer, John C.
Patnaude, Joseph C.
Picanco, Joao
Poirier, Thomas M.
Reynolds, Charles H.
Scioleno, Gaetano
Shuster, Hyman
Simmons, Charles H.
Sweeney, William J.
Sweet, Isaac H.
Sylvia, Antone A.
Sylvia, Thomas A.
Sylvia, Wm. K.
Sylvieira, Manuel J., Jr.
Vieira, John C.
Wilcox, Otis N.

Public Weighers

Allen, Lesley B.
Andrews, Manuel A.
Andrews, William
Ashcroft, John
Ashley, Andrew H.
Ashley, Roland R.
Axelson, Emanuel
Baldwin, John
Bardsley, Edwin, Jr.
Bariteau, Alfred J.
Bariteau, Joseph L.
Barrows, Allan
Baron, William
Bassett, Elton K.
Bassett, Thomas E.
Bates, Lonnie D.
Belanger, Lucien
Bennett, Francis F.
Bennett, James T.
Bertrand, Joseph
Bessette, William
Blais, Laucque
Blakeley, Albert
Blossom, Alonzo C.
Bonille, Alfred F.
Bottomley, William
Borden, Horace
Borden, Louis F.
Bradford, Edgar A.
Brennan, Peter J.
Briggs, Arthur S.
Briggs, Lester W.
Brosseau, Oscar
Brown, Walter
Brownson, George L.
Bruce, George C.
Bulcock, Fred
Burke, Raymond
Brunette, Joe
Butler, Clarence H.
Butts, James D.
Byrne, James
Byron, John
Cabiel, Manuel
Carpenter, Clayton W.
Carter, John J.
Carter, William
Chase, Kenneth
Chase, Nathan P.
Christie, Joseph E.
Clarke, Thomas J.
Clark, George
Cobb, George A.
Cobb, George S.
Coe, Walter L.
Coe, William A.
Coholan, John L.
Comeau, John
Comey, Charles M.
Connors, James
Conway, John
Cooper, Joseph
Corey, William S.
Cornelius, Orrin S.
Correira, Manuel
Coupe, Horace R.
Cowen, Edson S.
Coxen, Harold M.
Crowley, James T.
Coyle, Joseph S.
Craig, Harry
Cumisky, John A.
Cummings, Archibald
Cunningham, James
Curtis, Daniel J.
Cushing, Joseph B.
Crossley, Frank
Daly, James
Day, Thomas E.
Deane, Albert E.
DeCosta, William A.
DeMello, Edward
Devoll, Roland G.
Dextradeur, Victor
Dickson, Fred
Dion, John
Dion, Alphonse J.
Dodge, Louis
Donahue, Joseph F.
Donley, William
Dow, William A.
Downey, Maurice
Duckworth, Alexander
Duerden, Arthur
Duff, John, Jr.
Duff, Mark M.
Duffy, Alice
Duffy, John
Dupre, Joseph
Dyer, Howard C.
Dwyer, Thomas E.
Dwyer, Walter
Earnshaw, John
Ellis, Harold C.
Emerson, David R.
Fanning, James A.
Faisneau, Harold P.
Fay, John

Feldgen, Frank H.
Feenan, Henry Allen
Findley, Thomas S.
Foley, Edward F.
Forbes, Joseph C.
Francis, William H.
Franklin, William A.
Frates, Joseph
Frechette, Edward
Furtado, Manuel J.
Furtado, Manuel J.
Furtado, Manuel, Jr.
Gallagher, William
Gannon, John
Gannon, Patrick J.
Gargan, John
Gatie, Joseph B.
Gatonski, Peter
Gaughan, Patrick
Geddis, William J.
Gee, John
Gifford, Bradford F.
Gifford, John I.
Gifford, Wm. F.
Gile, John F.
Girard, Fred
Girouard, Clement
Girvan, Douglass J.
Gobeil, John J.
Goddard, James
Goldthwait, B. D.
Gomes, Michael R.
Gooding, Homer B.
Gooding, Clinton S.
Goulding, James
Goulet, Fred
Gray, Charles A., Jr.
Gray, Robert
Gray, William
Greenough, Harry
Hales, Arthur J.
Hanrahan, Charles E.
Harney, John J.
Harrison Joseph
Hart, Robert J.
Harwood, William S.
Hatton, John
Hawes, George W.
Hayden, Edward D.
Haynes, Mark L.
Higgins, Daniel F.
Hilligee, Robert
Hilton, Samuel J.
Hitch, Frank B.
Holland, Charles
Holmes, William A.
Honneyman, Bertram C.
Hunter, Joseph
Hutchings, Walter C.
Inne, Albert
Inne, Louis
Irwin, James
Jarry, Archie
Jemphrey, Robert
Jenny, Julia
Jennings, George L.
Jennings, John W.
Jennings, Ralph A.
Johnson, Henry L.
Johnson, Robert I.
Judd, Henry
Keane, Paul F.
Kennedy, Charles F.
Kennedy, George H.
Kinney, E. D.
Kilbride, Philip H.
Kiernan, James F.
King, Joseph F.
Lacy, Philip
Lahey, Edward V.
Lareau, Theodore
Larocque, Wilfred
Lawrence, Charles L.
LeBlanc, Adelard
LeClair, Alphonse N.
Lees, Fred
Lees, William K.
Leferre, Louis
Letourneau, Hector
Letourneau, Hormidas
Lewis, Percy
Lilly, Howard F.
Lincoln, Frank N.
Lindsey, Robert
Linnehan, Peter
Littler, Harry
Lord, Thomas
Lowe, Moses
Lyon, John
Macia, William H.
Macomber, George A.
Macomber, James S.
Macy, Frank H.
Manna, Joseph
Marks, John S.
Marshall, Joseph
Marshall, Manuel C.
Masse, Joseph
Mather, Arthur H.
Matley, William
McAuliffe, D. J.
McCarty, Mortimer

McDonald, Edward
McKenzie, George
McKiernan, Arthur
Medeiros, Joseph
Medeiros, Manuel
Mellor, Leonard H.
Menard, A. J.
Midgley, William H.
Mitchell, John
Mitchell, Thomas F.
Moores, Joseph
Morgan, David A.
Morrison, Richard F.
Morse, E. C.
Mosher, Fred
Murphy, John
Murphy, Joseph E.
Murray, Thomas
Neagus, John P.
Nelson, William
Newett, Arthur B.
Niles, Abram J.
Norton, Joseph
Norton, Thomas
Oates, John F.
O'Brien, F. Thomas
O'Brien, William
Oesting, F. W., Jr.
Parker, Thomas
Paul, George H.
Pease, Bryden
Peckham, William E.
Pedro, Frank O.
Pedro, William
Perkins, Andrew
Perry, John
Pierce, David H.
Pierce, Nathaniel E.
Pontbriand, Oscar
Porter, James F.
Potter, Edwin L.
Prescott, Albert N.
Putnam, Arthur C.
Quigley, Thomas
Quinn, Thomas
Radcliffe, Ralph
Rawstron, John T.
Raymond, Thomas A.
Readio, James H.
Reid, Frank A.
Reynolds, Albert
Reynolds, William
Rezendes, Frank F.
Richard, Calixte
Richard, Clement
Richardson, Clifford
Riley, Thomas
Roberts, Leonard
Robinson, Frank J.
Rodman, Frank P.
Rogers, Edward
Rogers, Henry V.
Rose, Manuel
Ross, Samuel
Roy, Albert J.
Roy, John V.
Roy, Joseph R.
Roy, Romuald J.
Russell, Frederick J.
Russell, John
Russell, Pardon
Russell, Richard
Ryan, Ambrose J.
Ryan, Harold D. P.
Ryan, John W.
Ryder, Frank
Ryder, Leon G.
Ryder, Thomas
Sami, Alfred
Santos, Frank
Sayles, Harry D.
Sayles, Joseph A.
Schilansky, Morris
Shaw, Chauncey. L.
Sheehan, Michael J.
Sheppard, Alex
Sheratt, Henry
Sherman, Edward R.
Simpkins, John T.
Sisson, Minerva M.
Slater Edward
Smith, George H.
Smythe, Fred R.
Soares, Manuel
Souland, Arthur
Spooner, Ralph
Spencer, Walter G.
St. Germain, Burt
Staples, Willard F.
Stephenson, Daniel C.
Stevenson, Thomas
Steward, Robert H.
Stuart, Milburn C.
Sullivan, Daniel
Sullivan, Michael
Sullivan, Thomas A.
Sullivan, William H.
Sumner, Samuel
Sutcliffe, Benjamin
Swallow, Samuel
Swasey, John
Sykes, George T.

Sylvia, Antone L.
Sylvia, William M.
Taft, Daniel H.
Taylor, George,
Taylor, Samuel
Thibault, Ludger J.
Thompson, Arthur
Tibbutts, Samuel
Tighe, James
Toolis, Edward
Tremblay, Leo N.
Tripp, Desmond W.
Tripp, Jabez D.
Tripp, Warren A.
Vedring, Joseph
Vieira, John R.
Wadsworth, William H.
Weeks, John L.
Whalley, John W.
Whelan, Andrew J.
Whitehead, Albert
Whiteside, Thomas
Whittle, John C.
Wilbor, Alfred P.
Wilbor, Walter C.
Wild, Wright
Wilding, George
Wilkin, August C.
Wilkinson, Leonard
Wilson, Melville S.
Wilson, Wallace B.
Winn, Thomas P.
Winterbottom, Edward
Wooler, Elsie G.
Wright, William C.
Young, Orville E.
Young, Charles

WEIGHERS OF COAL.

Anderson, Thomas
Ashcroft, John
Baldwin, John
Bariteau, Joseph L.
Baron, William
Bassett, Thomas E.
Bates, Lonnie D.
Bennett, James T.
Borden, Louis F.
Brennan, Peter J.
Briggs, Arthur S.
Briggs, Lester W.
Brownson, George L.
Butts, James D.
Carpenter, Clayton
Carter, John J.
Carter, William
Champlin Rebecca W.
Chase, Kenneth W.
Clark, Thomas J.
Coe, Walter L.
Coe, William A.
Comey, Charles M.
Conway, John
Cowen, Edson S.
Craig, Harry
Crawford, Samuel
Crossley, Frank
Cummings, Archibald
Cushing, Joseph B.
Day, Thomas E.
DeCosta, William A.
DeMello Edward
Deane, Albert E.
Dion, Alphonse J.
Dion, John
Donahue, Joseph F.
Duff, John Jr.
Duff, Mark M.
Dyer, Howard C.
Faisneau, Harold P.
Fanning, James
Fay, John
Forbes, Joseph C.
Francis, William H.
Gobeil, John J.
Gooding, Clinton S.
Gooding, Homer B.
Gray, Charles A., Jr.
Hillygee, Robert
Hilton, Samuel J.
Hutchings, Walter C.
Jemphrey, Robert
Jennings, John
Jennings, Ralph A.
Johnson, Robert I.
Keane, Paul F.
Lacey, Phillip
Lawrence, Charles L.
LeClair, Alphonse N.
Letourneau, Hector J.
Lindsey, Robert
Lilley, Howard F.
Lord, Thomas
Macomber, George A.
Macia, William H.
Madeira, Joseph
Marland, William
Masse, Joseph
McGinnes, John T.

Moores, Joseph
Nelson William
Niles, Abram J.
Norton, Joseph
Norton, Thomas
Pierce, Nathaniel E.
Pontbriand, Oscar
Porter, James F.
Radcliffe, Ralph
Raymond, Thomas A.
Readio, James H.
Read, Frank A.
Reynolds, Albert
Reynolds, William
Roberts, Leonard
Rodman, Frank P.
Rogers, Henry V.
Roy, John V.
Russell, Frederick J.
Russell, Pardon
Ryan, Ambrose J.
Ryan, John W.
Ryder, Leon G.
Shaw, Chauncey L.
Sisson, Minerva M.
Smith, Carlton W.
Smith, George H.
Spencer, Walter G.
Staples, Willard F.
Stevenson, Thomas
Stewart, Robert H.
Stuart, Milburn C.
Sullivan, Peter F.
Sullivan, Thomas A.
Swasey, John
Sykes, George T.
Taylor, George
Tibbutts, Samuel
Tripp, Jabez D.
Travers, Chas. I.
Tripp, Warren A.
Vedring, Joseph
Wadsworth, William H.
Weeks, John L.
Whiteside, Thomas
Wilbor, Walter C.
Wilding, George
Wilson, Melville S.
Wilson, Wallace B.
Winn, Thomas P.
Young, Orville E.

WEIGHERS OF BOILERS AND HEAVY MACHINERY.

Ashley, Andrew H.
Baldwin, John
Balthazar, William H.
Bariteau, Joseph L.
Baron, William
Bassett, Thomas E.
Bennett, James T.
Borden, Louis F.
Brennan, Peter J.
Briggs, Lester W.
Briggs, Arthur S.
Brownson, George L.
Butts, James D.
Carpenter, Clayton
Carter, John J.
Carter, William
Chase, Kenneth W.
Clarke, Thomas J.
Coe, Walter L.
Coe, William A.
Comey, Charles M.
Conway, John
Crossley, Frank
Cummings, Archibald
Cushing, Joseph B.
Craig, Harry
Crawford, Samuel
Day, Thomas E.
Deane, Albert E.
DeMello, Edward
DeCosta, William A.
Dion, Alphonse J.
Dion, John
Donahue, Joseph F.
Duff, John, Jr.
Duff, Mark M.
Dyer, Harold C.
Earnshaw, John
Faisneau, Harold P.
Fanning, James
Foley, Edward F.
Forbes, Joseph C.
Francis, William H.
Gile, John F.
Gobeil, John J.
Goldthwait, B. D.
Gooding, Clinton S.
Gooding, Homer B.
Gray, Charles A., Jr.
Hillygee, Robert
Hilton, Samuel J.
Hitch, Frank P.
Hutchings, Walter C.
Jemphrey, Robert

Jennings, John
Jennings, Ralph A.
Johnson, Robert I.
Keane, Paul F.
Lagace, T.
Lawrence, Charles L.
Lilley, Howard F.
Lindsey, Robert
Lord, Thomas
Macia, William H.
Macomber, George A.
Macy, Frank H.
Marland, William
Masse, Joseph
Madeiros, Joseph V.
McGinnes, John J.
Nelson, William
Niles, Abram J.
Norton, John
Norton, Thomas
Pierce, Nathaniel E.
Pontbriand, Oscar
Porter, James F.
Reid, Frank A.
Reynolds, Albert
Reynolds, William
Roberts, Leonard
Rodman, Frank P.
Rogers, Henry V.
Roy, John V.
Russell, Pardon
Ryan, Ambrose J.
Ryan, John W.
Shaw, Chauncey L.
Simmons, Lester F.
Sisson, Minerva M.
Smith, Carlton W.
Smith, George H.
Spencer, Walter G.
Staples, Willard F.
Stephenson, Thomas
Stewart, Robert H.
Stokoe, George
Stuart, Milburn C.
Sullivan, Michael F.
Sullivan, Peter F.
Sullivan, Thomas A.
Swasey, John
Sykes, George T.
Taylor, George
Tibbutts, Samuel
Travers, Charles I.
Tripp, Jabez D.
Vedring, Joseph
Wadsworth, William H.
Weeks, John L.
Whiteside, Thomas
Wilbor, Walter C.
Wilde, Webster
Wilding, George
Wilson, Wallace B.
Wilson, Melville S.
Winn, Thomas P.
Young, Orville E.

SURVEYORS OF LUMBER.

Beetle, John H.
Croacher, Thomas
Desmond, William F.
Doane, Joshua G.
Gray, Charles A., Jr.
Howe, Benjamin F.
Longpree, Joseph Z.
Rowland, James E.
Spooner, Daniel A.

MEASURER OF GRAIN.

Rodman, Frank P.

MEASURERS OF WOOD AND BARK.

Ashley, Roland R.
Borden, Harrison T.
Cobb, George A.
Cobb, George S.
Hathaway, Edward E.
Howe, Benjamin F.
Rodman, Frank P.
Stephenson, Thomas J.
Tripp, Warren A.
Walsh, Thomas
Westgate, Clarence E.

ELECTION OFFICERS.

Term of Office Expires Sept. 15, 1916.

WARD 1, PRECINCT A.

1	Warden,	OTIS A. SISSON,	R	3913 Acushnet Ave.
2	Clerk,	JOHN W. SPENCER,	D	400 Tarkiln Hill rd.
2	Inspector,	GEORGE S. COBB,	R	30 Hersom St.
4	"	JAMES H. GRIFFIN,	D	55 Mill Rd.
5	"	DANIEL A. SPOONER,	R	3243 Acushnet Ave.
6	"	ADEMAR A.NORMANDIN,	D	247 Bowditch St.

Deputies

1	Warden,	WILLIAM F. ANDREWS,	R	126 Tarkiln Hill Rd.
2	Clerk,	WILLIAM H. MACIA	D	427 Tarkiln Hill Rd.
3	Inspector,	GEORGE W. ALLEN, JR.	R	286 Bowditch St.
4	"	ANDREW MORAN,	D	8 Felton St.
5	"	WESTON J. BORDEN,	R	2082 Acushnet Ave.
6	"	ARTHUR DAVIGNON,	D	59 Sylvia St.

WARD 1, PRECINCT B.

1	Warden,	HENRY CHARPENTIER,	D	12 Bentley St.
2	Clerk,	LEROY S. STURGIS,	R	2115 Acushnet Ave.
3	Inspector,	JOHN PILKINGTON,	D	116 Hathaway St.
4	"	FRANK E. SISSON,	R	2143 Acushnet Ave.
5	"	JARVIS COUNSELL, JR.,	D	251 Bowditch St.
6	"	FRANK O. COVILL,	R	1848 Acushnet Ave.

Deputies

1	Warden,	JOHN WALSH,	D	61 Covill St.
2	Clerk,	JOHN WOOLLEY,	R	335 Bowditch St.
3	Inspector,	WILLIAM E. MURRAY,	D	203 Tinkham St.
4	"	ALBERT BOURGET,	R	102 Beetle St.
5	"	HENRY DOYLE,	D	105 Nash Rd.
6	"	JOHN T. DRINKWATER,	R	56 Beetle St.

WARD 1, PRECINCT 1.

1	Warden,	NATHANIEL H. JENNEY	R	1811 Acushnet Ave.
2	Clerk,	JOSEPH N. FINNI,	D	1105 Acushnet Ave.
3	Inspector,	FREDERICK H. ROSCOW	R	259 Bowditch St.
4	"	WILLIAM S. GIFFORD	D	1450 Pleasant St.
5	"	WILLIAM J. SWEENEY,	R	253 Collette St.
6	"	PIERRE MANDEVILLE,	D	43 Dean St.

Deputies

1	Warden,	THOMAS RIDINGS,	R	204 Earle St.
2	Clerk,	DANIEL F. MURPHY ,	D	208 Nash Rd.
3	Inspector,	CHARLES E. FOURNIER,	R	301 Earle St.
4	"	ARTHUR DUBUQUE,	D	201 Tinkham St.
5	"	FRANCOIS LAPOINTE,	R	142 Collette St.
6	"	TIMOTHY O'BRIEN,	D	250 Davis St.

WARD 1, PRECINCT 2.

1	Warden,	HENRY J. FOURNIER,	R	148 Tallman St.
2	Clerk,	ERNEST A. DUNHAM,	D	1430 Acushnet Ave.
3	Inspector,	JOHN E. HANDFORD,	R	274 Sawyer St.
4	"	JOSEPH A. MAHONEY,	D	218 Tinkham st.
5	"	A. DENNIS PERRAULT,	R	335 Bowditch St.
6	"	HENRY BEAULIEU,	D	29 Nye St.

Deputies.

1	Warden,	FRED CASAVANT,	R	341 Coggeshall St.
2	Clerk,	FREDERICK HODSON,	D	139 Bullard St.
3	Inspector,	ARTHUR POIRIER,	R	1176 Acushnet Ave.
4	"	STEPHEN H. SULLIVAN,	D	257 Cedar Grove St.
5	"	PAUL PARADIS,	R	80 Beetle St.
6	"	LUKE BROZEK,	D	132 Holly St.

WARD 1, PRECINCT 3.

1	Warden,	JOSEPH Z. BOUCHER,	R	253 Collette St.
2	Clerk,	WILLIAM McCANN,	D	200 No. Front St.
3	Inspector,	THOMAS F. LEWIN,	R	1082 County St.
4	"	DANIEL J. CONNELLY,	D	370 State St.
5	"	DOLOR A. HOULE,	R	150 Tallman St.
6	"	SAMUEL THOMPSON,	D	133 Bullard St.

Deputies.

1	Warden,	FRANCIS P. LAUGHLIN,	R	191 Davis St.
2	Clerk,	JERONIM J. JANAK,	D	39 Hicks St.
3	Inspector,	J. ARTHUR BALTHAZAR,	R	396 No. Front St.
4	"	ROCK DUPRE,	D	7 Bentley St.
5	"	MOSES DENAULT, JR.	R	366 State St.
6	"	Vacancy	D	

WARD 2, PRECINCT 4.

1	Warden,	GEORGE P. MACOMBER	R	774 County St.
2	Clerk,	PETER F. SULLIVAN,	D	328 Cedar St.
3	Inspector,	CHARLES A. HALL,	R	1207 Pleasant St.
4	"	CHARLES K. LEWIN,	D	153 Adams St.
5	"	CHARLES L. FAUNCE,	R	13 Pope St.
6	"	WM. BEARDSWORTH,	D	907 Summer St.

Deputies.

1	Warden,	EDWARD CARTER,	R	275 Pope St.
2	Clerk,	JOSEPH B. MURRAY,	D	46 Robeson St.
3	Inspector,	FRANK S. SULLIVAN,	R	14 Studley St.
4	"	PATRICK H. SULLIVAN,	D	56 Linden St.
5	"	THOMAS T. GIFFORD,	R	389 Cedar St.
6	"	VICTOR LEMIEUX,	D	1375 Pleasant St.

WARD 2, PRECINCT 5

1	Warden,	CHARLES T. BROWNELL	R	749 Summer St.
2	Clerk,	THOMAS J. MURPHY	D	721 County St.
3	Inspector,	Vacancy	R	
4	"	J.ARTHUR DESAULNIERS,	D	180 Reynolds St.
5	"	EDWARD T. MAHONEY,	R	328 Cedar St.
6	"	MICHAEL J. HURLEY,	D	49 Vine St.

Deputies

1	Warden,	JOHN J. GOLDTHORPE,	R	18 Trinity St.
2	Clerk,	LEON J. DUFOUR,	D	51 Vine St.
3	Inspector,	ERNEST H. BOUCHER,	R	87 Reynolds St.
4	"	GEORGE H. GOULET, JR.	D	35 Linden St.
5	"	EDWARD F. HARPS,	R	30 Collins St.
6	"	JAMES S. McGRATH,	D	11 Reynolds St.

WARD 2, PRECINCT 6

1	Warden,	JAMES H. BAMFORD,	R	90 Merrimac St.
2	Clerk,	GEORGE H. BONNER,	D	9 Willow St.
3	Inspector,	ALBERT BARBER,	R	7 Glover St.
4	"	TIMOTHY J. DORGAN,	D	5 Tilton St.
5	"	EMILE C. BELLENOIT,	R	111 Mt. Vernon St.
6	"	JOHN HOLLIHAN,	D	107 Robeson St.

Deputies

1	Warden,	STEPHEN B. ARNOLD,	R	525 Cottage St.
2	Clerk,	JOSEPH P. REILLY,	D	9 Richmond St.
3	Inspector,	JOHN P. O'HARA,	R	25 Richmond St.
4	"	EDWARD J. BELLENOIT	D	87 Highland St.
5	"	THOMAS W. RAMSDEN,	R	682 Cottage St.
6	"	JAMES M. HICKEY	D	390 Cedar St.

WARD 3, PRECINCT 7

1	Warden,	ANDREW P. KIRBY,	D	48 Sycamoree St.
2	Clerk,	HORACE WOOD,	R	85 Mill St.
3	Inspector,	WILLIAM T. DAVIS,	D	614 County St.
4	"	ARTHUR B. CASE	R	873 Pleasant St.
5	"	ALVIN H. PAINE,	D	55 Hill St.
6	"	JOSEPH L. FORRESTER,	R	953 Pleasant St.

Deputies

1	Warden,	JOSEPH C. DESMOND,	D	117 Hillman St.
2	Clerk,	FREDERICK W. BESSE,	R	1101 Pleasant St.
3	Inspector,	ROBERT E. EDWARDS,	D	171 Kempton St.
4	"	PHILIP S. COLYAR,	R	830 Pleasant St.
5	"	WILLIAM T. DAVIS	D	4 Smith St.
6	"	Vacancy	R	

WARD 3, PRECINCT 8

1	Warden,	MARTIN H. SULLIVAN,	D	78 North St.
2	Clerk,	JOSEPH C. FORBES,	R	299 Chancery St.
3	Inspector,	ALBERT J. BARNEY,	D	241 Summer St.
4	"	B. FRANKLIN WORDELL,	R	59 Sycamore St.
5	"	ALBERT C. WELCH,	D	69 Sycamore St.
6	"	FREDERICK J. FRANCIS,	R	42 Hill St.

Deputies

1	Warden,	JAMES A. REED,	D	61 Chestnut St.
2	Clerk,	HARRY BURKE,	R	178 Cedar St.
3	Inspector,	CHARLES A. GALLIGAN,	D	36 Pearl St.
4	"	ABNER P. POPE,	R	63 Thomas St.
5	"	EDWARD L. BRAWLEY,	D	215 Maxfield St.
6	"	CORNELIUS B. PIPER,	R	1299 Purchase St.

WARD 3, PRECINCT 9

1	Warden,	SAMUEL E. GABRIEL,	R	436 Cottage St.
2	Clerk,	DANIEL J. SULLIVAN,	D	100 Hillman St.
3	Inspector,	GEORGE E. NYE,	R	43 Hill St.
4	"	EDWARD F. RILEY,	D	21 Shawmut Ave.
5	"	WILLIAM YORK,	R	123 Cedar St.
6	"	JAMES J. FINN,	D	161 North St.

Deputies

1	Warden,	ANDERSON H. SWIFT,	R	98 Campbell St.
2	Clerk,	JOHN H. RYAN, JR.,	D	162 Campbell St.
3	Inspector,	ARTHUR C. KIRBY,	R	123 Sycamore St.
4	"	ISAAC BARRON,	D	431 Mill St.
5	"	ANTHONY LOFTUS,	R	859 Rockdale Ave.
6	"	WM. H. RICHARDSON,	D	281 Park St.

WARD 4, PRECINCT 10

1	Warden,	EDWARD B. GRAY,	D	450 Union St.
2	Clerk,	JOSEPH H. SCHOFIELD,	R	200 Tremont St.
3	Inspector,	PATRICK J. NORTON,	D	277 Park St.
4	"	CHESTER E. DAVIS,	R	165 Middle St.
5	"	CLARENCE E. ROCKEFELLER,	D	51 Emerson St.
6	"	CHARLES H. SIMMONS,	R	446 Union St.

Deputies

1	Warden,	JOHN T. CANTWELL,	D	91 Pierce St.
2	Clerk,	SETH W. GODFREY,	R	429 Union St.
3	Inspector,	PAUL RIOUX,	D	126 Mill St.
4	"	JOSHUA B. JOHNSON	R	585 Elm St.
5	"	WILLIAM L. SLOCUM, JR.	D	190 Ash St.
6	"	WILLIAM A. COE	R	71 Mechanics St.

WARD 4, PRECINCT 11

1	Warden,	HENRY A. GRAY,	D	288 Palmer St.
2	Clerk,	LYNTON M.BUFFINTON,	R	418 Union St.
3	Inspector,	JAMES F. HARRISON,	D	326 Middle St.
4	"	FRED'K D. BARROWS,	R	60 Mechanics St.
5	"	CHARLES H. TALMAGE,	D	162 Park St.
6	"	WILLIAM E. CARROLL,	R	565 Kempton St.

Deputies

1	Warden,	JOHN G. PURRINGTON,	D	147 Arnold St.
2	Clerk,	CHARLES E. CARROLL,	R	247 Middle St.
3	Inspector,	PETER J. RILEY,	D	53 Morgan St.
4	"	HENRY HARLOW,	R	417 Union St.
5	"	WM. L. FITZGERALD,	D	240 Middle St.
6	"	CHARLES B. DAVIS,	R	95 High St.

WARD 4, PRECINCT 12

1	Warden,	JAMES E. MIDDLETON,	D	483 Union St.
2	Clerk,	WALTER RAWCLIFFE,	R	32 Lindsey St.
3	Inspector,	MICHAEL C. AUSTIN,	D	431 Court St.
4	"	FREDERICK B. COOK,	R	253 Arnold St.
5	"	ANDREW TATE,	D	399 Elm St.
6	"	ALBERT E. WELSH,	R	114 Newton St.

Deputies

1	Warden,	FRANK E. GILLETTE,	D	456 Mill St.
2	Clerk,	IRVING S. ALLEN,	R	153 Morgan St.
3	Inspector,	HERBERT E. MACY,	D	151 Morgan St.
4	"	FRANK W. DAVIS,	R	567 Kempton St.
5	"	GEORGE W. PECKHAM,	D	64 Ocean St.
6	"	DAVID M. PIPER,	R	49 Florence St.

WARD 5, PRECINCT 13

1	Warden,	GEO. P. RICHARDSON,	D	52 Russell St.
2	Clerk,	FRANK WHITTAKER,	R	93 So. Sixth St.
3	Inspector,	MANUEL G. CRUZ,	D	161 Acushnet Ave.
4	"	JAMES F. MacCAULEY,	R	167 Allen St.
5	"	ROBERT J. CURRY,	D	69 South St.
6	"	GEORGE F. CURRY,	R	67 Taber St.

Deputies

1	Warden,	JOHN M. FAGAN,	D	242 Purchase St.
2	Clerk,	PHILIP J. SHERMAN,	R	28 Borden St.
3	Inspector,	THOMAS A. MORRISON,	D	173 Grinnell St.
4	"	CLIFTON F. ASHLEY,	R	42 So. Sixth St.
5	"	WILLIAM C. DeMELLO,	D	211 Acushnet Ave.
6	"	Vacancy	R	

WARD 5, PRECINCT 14

1	Warden,	PHILIP S. BRIGGS,	D	173 Acushnet Ave.
2	Clerk,	HARRY S. BRIGHTMAN,	R	251 Orchard St.
3	Inspector,	HENRY C. GRAY,	D	75 Dartmouth St.
4	"	E. PHILIP BERTHIAUME	R	23 Fair St.
5	"	EDWARD W. GALLIGAN,	D	277 Hawthorn St.
6	"	WANTON H.S.BEAUVAIS,	R	263 Pleasant St.

Deputies

1	Warden,	ROBERT SIBOR,	D	304 Hawthorn St.
2	Clerk,	JOHN H. BURKE,	R	153 Acushnet Ave.
3	Inspector,	Vacancy	D	
4	"	WILFRED S. KIRBY,	R	33 So. Sixth St.
5	"	ARTHUR R. HOWLAND,	D	116 So. Sixth St.
6	"	ANTONE H. SENNA,	R	173 Allen St.

WARD 5, PRECINCT 15

1	Warden,	JOHN C. EMERY,	R	99 Bedford St.
2	Clerk,	CLIFTON P. TUELL,	D	341 So. Orchard St.
3	Inspector,	JOSEPH A. CRONIN,	R	240 Maple St.
4	"	JOHN H. DEAN,	D	15 Borden St.
5	"	CHARLES A. BENNETT,	R	183 Washington St.
6	"	HERBERT W. BLISS,	D	72 Rotch St.

Deputies

1	Warden,	SAMUEL MORRIS,	R	60 Bay St.
2	Clerk,	NORMAN BARSTOW,	D	326 Clinton St.
3	Inspector,	JOHN A. MacKAY,	R	167 Grinnell St.
4	"	ARTHUR J. CUNNINGHAM,	D	33 Plymouth St.
5	"	CHAS. J. MATTHEWS,	R	191 Washington St.
6	"	LUTHER M. DAYTON, 2d	D	22 Bay St.

WARD 6, PRECINCT 16

1	Warden,	PATRICK J. COYNE,	D	17 Stapleton St.
2	Clerk	Vacancy,	R	
3	Inspector,	JAMES KINCAID,	D	4 Welcome St.
4	"	PHILIP E. FOGARTY,	R	22 Hall St.
5	"	EDWARD MAYNARD,	D	604 So. Second St.
6	"	RAYMOND HALLIWELL,	R	26 George St.

Deputies

1	Warden,	JOHN McGLADDERY,	D	19 Nelson St.
2	Clerk,	ELI HIGGINBOTTOM,	R	104 Clara St.
3	Inspector,	JOHN L. MULCAIRNS,	D	150 Blackmer St.
4	"	FRED J. BENTLEY,	R	69 County St.
5	"	JOHN HARRISON,	D	878 Brock Ave.
6	"	PIERRE H. DANDURAND,	R	9 West French Ave.

WARD 6, PRECINCT 17

1	Warden,	OWEN J. DOWD,	D	790 So. First St.
2	Clerk,	JAMES V. RONAN,	R	29 Mosher St.
3	Inspector,	DANIEL McAVOY,	D	48 Rockland St.
4	"	HUBERT HALL,	R	24 Winsor St.
5	"	PIERRE H. DANDURAND,	D	9 W. French Ave.
6	"	GEORGE W. NOYER,	R	77 County St.

Deputies

1	Warden,	JOHN R. WALDRON,	D	193 Crapo St.
2	Clerk,	GREENWOOD PENDLEBURY,	R	109 Division St.
3	Inspector,	WILLIAM CLARKE,	D	41 Mosher St.
4	"	ARTHUR W. GILMORE,	R	835 So. Water St.
5	"	JAMES P. MARTIN,	D	110 Division St.
6	"	ZEPHIR J. ROBERT,	R	56 Jouvette St.

WARD 6, PRECINCT 18

1	Warden,	MARSHALL S. GREENE,	R	233 Rivet St.
2	Clerk,	JOHN J. McAVOY,	D	25 Welcome St.
3	Inspector,	HORACE R. COUPE,	R	1 Warwick St.
4	"	MANUEL JOSEPH,	D	206 Rockland St.
5	"	CHRISTOPHER SOUTHWORTH,	R	79 Rockland St.
6	"	WILLIAM N. NELSON	D	46 Oak St.

Deputies

1	Warden,	ERNEST A. ROTHERA,	R	866 Brock Ave.
2	Clerk,	WALTER WALDRON,	D	16 Briggs St.
3	Inspector,	MICHAEL QUINN,	R	103 Rockland St.
4	"	HENRY W. RAYMOND,	D	163 Bonnev St.
5	"	WILLIAM WALLACE,	R	28 Cove St.
6	"	DANIEL McAULIFFE,	D	699 So. Front St.

WARD 6, PRECINCT 19.

1	Warden,	DENNIS F. SHUGRUE,	D	33 Delano St.
2	Clerk,	NAPOLEON GREGOIRE,	R	74 Nelson St.
3	Inspector,	JOSEPH A. McAVOY,	D	25 Welcome St.
4	"	JOHN A. HYDE,	R	738 Brock Ave.
5	"	Vacancy	D	
6	"	FRED LEES,	R	44 Winsor St.

Deputies.

1	Warden,	PATRICK F. GARRITY,	D	877 So. Water St.
2	Clerk,	HENRY MAKIN,	R	28 Rockland St.
3	Inspector,	WILLIAM A. ADAMS	D	166 Clara St.
4	"	THOMAS SINGLETON,	R	46 Ashley St.
5	"	LUDGER LAVOIE,	D	28 Ashley St.
6	"	Vacancy	R	

WARD LINES.

City of New Bedford,
In Board of Aldermen,
December 23, 1914.

ORDERED, That in conformity with the Revised Laws of Massachusetts, and under authority of Chapter 676 of the Acts of the Legislature in the year 1914, the several wards of the city be and they hereby are divided and established according to the following described lines, said division and designation to take effect as prescribed by Section 4 of said Chapter 676 of 1914:

Ward One—All that portion of the city lying north and east of a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven, and drawn through the middle of Sawyer Street to the westerly line of the location of the Old Colony Railroad; thence northerly and westerly in that line and in the southerly line of the Watuppa Branch of the Old Colony Railroad to the line between the City of New Bedford and the Town of Dartmouth.

Ward Two—All that portion of the city lying between a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven and drawn through the middle of the following streets, namely: Wamsutta, Purchase, Austin, County, Hazard, Summer, Robeson, and the last named line extended to the line between the City of New Bedford and the Town of Dartmouth, and the line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven and drawn through the middle of Sawyer Street to the westerly line of the location of the Old Colony Railroad; thence northerly and westerly in that line and in the southerly line of the Watuppa Branch of the Old Colony Railroad to the line between the City of New Bedford and the Town of Dartmouth.

Ward Three—All that portion of the city lying between a line beginning at a point in the Acushnet River at the line between the City of New Bedford and the Town of Fairhaven, and passing north of Popes and Fish Islands, and thence through the middle line of the following streets, namely: North, Newton, Mill and Kempton to the line between the City of New Bedford and the Town of Dartmouth, and the line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven and

drawn through the middle of the following streets, namely Wamsutta, Purchase, Austin, County, Hazard, Summer, Robeson, and the last named line extended to the line between the City of New Bedford and the Town of Dartmouth.

Ward Four—All that portion of the city lying between a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven, and passing south of Popes and Fish Islands, and thence through the middle of the following streets, namely: Walnut, County and Arnold, to the line between the City of New Bedford and the Town of Dartmouth, and the line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven passing north of Popes and Fish Islands, and thence through the middle line of the following streets, namely North, Newton, Mill and Kempton to the line between the City of New Bedford and the Town of Dartmouth.

Ward Five—All that portion of the city lying between a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven and passing north of Palmers Island; thence through the middle of the following streets, namely: Potomska, Purchase, Thompson, Bonney and Rockland; thence westerly across the Rural Cemetery and through the middle of Winterville Road to the line between the City of New Bedford and the Town of Dartmouth, and the line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven, and passing south of Popes and Fish Islands, and thence through the middle of the following streets, namely: Walnut, County and Arnold, to the line between the City of New Bedford and the Town of Dartmouth.

Ward Six—All that portion of the city lying south of a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven and passing north of Palmers Island; thence through the middle of the following streets, namely: Potomska, Purchase, Thompson, Bonney and Rockland; thence westerly across the Rural Cemetery and through the middle of Winterville Road to the line between the City of New Bedford and the Town of Dartmouth.

In Board of Aldermen, Dec. 23, 1914. Adopted and sent down for concurrence.

In Common Council, Dec. 23, 1914. Concurred.

Presented to and approved by the Mayor, Dec. 24, 1914.

A true copy, attest: W. H. B. Remington, City Clerk.

EXTRACT FROM LAW.

Section 4 of Chapter 676 of the Acts of 1914, entitled "An Act relative to the re-division of cities into wards and voting precincts," is as follows:

Chapter 676, Acts 1914.

"Section 4. Said Chapter eight hundred and thirty-five is hereby further amended by striking out section two hundred and nineteen and inserting in place thereof the following new section: Section 219. For all elections held prior to the annual state primary in the second year following a re-division of a city into wards, and for the assessment of taxes prior to such time, the wards as existing prior to such re-division shall continue, and for such purposes the election officers shall be appointed and hold office, and voting lists shall be prepared, and all other things required by law shall be done as if no such re-division had been made. For all other purposes, the new division shall take effect on the thirty-first day of December of the year when it is made."

W. H. B. Remington, City Clerk.

VOTING PRECINCTS.

City of New Bedford,
In Board of Aldermen, Jan. 14, 1915.

ORDERED, That the wards of the City of New Bedford as established by the City Council of 1914, be and they hereby are divided into voting precincts, as follows:

WARD ONE.

Precinct 1—All that part of ward 1 lying northerly and westerly from the following described lines, viz: Beginning at a point in the Acushnet river and in an extension easterly of the centre line of Belleville road to the centre line of the Old Colony railroad; thence southerly in the centre line of the Old Colony railroad to its junction with the line between ward 1 and ward 2; thence westerly in the centre line of the Watuppa branch of the Old Colony railroad to the line between the city of New Bedford and the town of Dartmouth.

Precinct 2—All that part of ward 1 bounded by the following lines in sequence, viz: Beginning at the Acushnet river and extending through the centre lines of Manomet street, Riverside avenue, Hathaway street, Belleville avenue, Earle street, the Old Colony railroad, and Belleville road to the Acushnet river.

Precinct 3—All that part of ward 1 bounded by the following lines in sequence, viz: Beginning at the Acushnet river and extending through the centre lines of Deane street, the Old Colony railroad, Earle street, Belleville avenue, Hathaway street, Riverside avenue, and Manomet street to the Acushnet river.

Precinct 4—All that part of ward 1 bounded by the following lines in sequence, viz: Beginning at the Acushnet river and extending through the centre lines of Sawyer street, Old Colony railroad, and Deane street to the Acushnet river.

WARD TWO.

Precinct 5—All that part of ward 2 bounded by the following lines in sequence, viz: Beginning at the Acushnet river and extending through the centre lines of Wamsutta street, Old Colony railroad, and Sawyer street to the Acushnet river.

Precinct 6—All that part of ward 2 bounded by the following lines in sequence, viz: The centre lines of Wamsutta

street, Purchase street, Austin street, County street, Linden street, Reynolds street and Reynolds street produced, and the Old Colony railroad.

Precinct 7—All that part of ward 2 bounded by the following lines in sequence, viz: The centre lines of Hazard street, Summer street, Robeson street, Cottage street, Mt. Pleasant street, Old Colony railroad, Reynolds street and Reynolds street produced, Linden street, and County street.

Precinct 8—All that part of ward 2 bounded by the following lines in sequence, viz: The centre lines of Robeson street and Robeson street produced, the line between the city of New Bedford and the town of Dartmouth, the centre line of the Old Colony railroad, and the centre lines of Mt. Pleasant and Cottage streets.

WARD THREE.

Precinct 9—All that part of ward 3 bounded by the following lines in sequence, viz: The centre lines of North street, Hill street, Hillman street, State street, Willis street, State street, Pearl street, County street, Austin street, Purchase street, and Wamsutta street.

Precinct 10—All that part of ward 3 bounded by the following lines in sequence, viz: The centre lines of North street, Chestnut street, Robeson street, Summer street, Hazard street, County street, Pearl street, State street, Willis street, State street, Hillman street, and Hill street.

Precinct 11—All that part of ward 3 bounded by the following lines in sequence, viz: The centre lines of North street, Cedar street, Parker street, Shawmut avenue, Robeson street and Chestnut street.

Precinct 12—All that part of ward 3 bounded by the following lines in sequence, viz: The centre lines of North street, Newton street, Mill street, Kempton street, the line between the city of New Bedford and the town of Darmouth, the centre lines of Robeson street and Robeson street produced, Shawmut avenue, Parker street and Cedar street.

WARD FOUR.

Precinct 13—All that part of ward 4 bounded by the following lines in sequence, viz: Beginning at the Acushnet river and extending through the centre lines of Walnut street, County street and North street to the Acushnet river, including the islands in the Acushnet river known as "Fish island" and "Popes island."

Precinct 14—All that part of ward 4 bounded by the following lines in sequence, viz: The centre lines of Arnold, Ash, North and County streets.

Precinct 15—All that part of ward 4 bounded by the following lines in sequence, viz: The centre lines of Arnold, Tremont, Mill, Newton, North and Ash streets.

Precinct 16—All that part of ward 4 bounded by the following lines in sequence, viz: The centre line of Arnold street and Arnold street extended, the line between the city of New Bedford and the town of Dartmouth, and the centre lines of Kempton, Mill and Tremont streets.

WARD FIVE.

Precinct 17—All that part of ward 5 bounded by the following lines in sequence, viz: Beginning at the Acushnet river and extending through the centre lines of Potomska, Purchase, Thompson, County, Sixth and Walnut streets to the Acushnet river.

Precinct 18—All that part of ward 5 bounded by the following lines in sequence, viz: The centre lines of Thompson, Bonney, Rockland, Orchard, Arnold, County, Walnut, Sixth and County streets.

Precinct 19—All that part of ward 5 bounded by the following lines in sequence, viz: The centre line of Rockland street, the southerly line of ward 5 in Rural cemetery, the centre lines of Lewis street and Lewis street extended, Grape, Oak, Clay, Ward, Bedford, Ash, Arnold and Orchard streets.

Precinct 20—All that part of ward 5 bounded by the following lines in sequence, viz: The southerly line of ward 5 in Rural cemetery, the centre line of Winterville road, the line between the city of New Bedford and the town of Dartmouth, the centre lines of Arnold street and Arnold street extended, Ash street, Ward street, Clay street, Oak street, Grape street, Lewis street and Lewis street extended.

WARD SIX.

Precinct 21—All that part of ward 6 bounded by the following lines in sequence, viz: Beginning at the Acushnet river and extending through the centre lines of Gifford, Water, Division, Crapo, Thompson, Purchase and Potomska streets to the Acushnet river including the island in Acushnet river known as "Palmers island."

Precinct 22—All that part of ward 6 bounded by the following lines in sequence, viz: Beginning at the Acushnet river and extending through the centre lines of Ruth street and Brock avenue to Clarks cove; beginning again at Clarks cove and extending through the centre lines of Crapo, Division, Water and Gifford streets to the Acushnet river.

Precinct 23—All that part of ward 6 bounded by the following lines in sequence, viz: The boundary line between the city of New Bedford and the town of Dartmouth, the centre line of Winterville road, the northerly line of ward 6 across Rural cemetery, the centre lines of Rockland, Bonney, Thompson and Crapo streets to Clarks cove.

Precinct 24—All that part of ward 6 lying southerly of the following lines in sequence, viz: Beginning at the Acushnet river and extending through the centre lines of Ruth street and Brock avenue to Clarks cove.

In Board of Aldermen, Jan. 14, 1915. Adopted.

Presented to and approved by the mayor Jan. 15, 1915.

A true copy, attest:

W. H. B. Remington, City Clerk.

SECOND

INAUGURAL ADDRESS

OF THE

Hon. Edward R. Hathaway

MAYOR OF NEW BEDFORD
MASSACHUSETTS

AT THE
INAUGURATION OF THE CITY GOVERNMENT

JANUARY THIRD
NINETEEN HUNDRED AND SIXTEEN

New Bedford, Massachusetts
WILLISTON H. COLLINS CO.
PRINTERS
1 9 1 6

SECOND INAUGURAL ADDRESS

OF THE

HON. EDWARD R. HATHAWAY

GENTLEMEN OF THE CITY COUNCIL:—

We are about to open a new year of city government in New Bedford; a new year fraught with great responsibilities and with weighty problems to decide.

The bitterness engendered by political strife is a thing of the past. We stand together for the welfare of our great and prosperous city and we will work unitedly with the common aim to aid in her development and to increase her prosperity and well-being.

The people have reposed in me the honor and responsibility of acting as the head of this great business enterprise—the municipal corporation—for the ensuing year. But they have equally imposed upon you the duty to aid me with your advice, and your judgment that this government may not be the government of a single person, but the united effort of many working for the same common end.

As mayor, I shall welcome your advice and shall conform to your judgment, insofar as I believe it to be for the upbuilding of the city.

CITY FINANCES

The most serious problem to be faced is that of city finances. The city today is at the turning of the ways. We can either stumble along for a few years with an increasing weight of debt until our position becomes unendurable or we can continue the policy of last year when, in spite of serious obstacles, the debt was decreased. There is much which should be done. Demands are constantly made by well-meaning citizens for improvements, who do not realize the financial position of the city. The easy course is to grant wherever the need appears; the only businesslike action at the present time is to refuse, unless such work and improvments are imperative.

You have all of you, probably, heard of the municipal finance law of 1913. This is a splendid piece of legislation and one which, ultimately, will restore cities to a sound financial basis; but, owing to extravagances in the past, the effect of this law has been especially felt in New Bedford. Under the old law running expenses were constantly bonded for and loans for highways, such as macadam, were made for ten years. Under the new law, macadam loans can be for only five years. The result of this has been that we are paying off each year on the principal of old ten year macadam loans, and are now adding the extra burden of paying each year until 1919, when the first five year macadam loan is retired, an additional amount due to the shortening of the time of the loan. Thus, although the amount of the debt has been actually decreased, the requirements for debt purposes this year will be about sixty-thousand dollars more than in 1915. This higher debt requirement will use up the probable increase in revenue from new valuations.

As there will be increased expenditures in certain departments, such as schools, due to larger population, the strictest economy must be practiced in order that there may not be a higher tax rate. I anticipate small savings in the Poor De-

partment, owing to improved business conditions; and in the Health Department, where the recurrence of a smallpox epidemic is not to be expected. If the trend of corporation shares remains as at present, a larger corporation tax will be available and of material aid in lightening our financial burden. I believe in parks and playgrounds, boulevards, wide streets, commodious schoolhouses and beautiful public buildings and it is with deep regret, but an absolute sense of my oath of office, that I say to you "ECONOMY MUST THIS YEAR BE OUR WATCHWORD."

PUBLIC BUILDINGS

The strictest economy does not mean that we cannot have our necessities. I am determined that no committee shall delay further in the building of the new central fire station. This building, for which the money has been appropriated, must be finished at once. Action must also be taken, without delay, for a sixteen-room school building on the site of the old high school. The horror of the recent Peabody fire has emphasized the need of school buildings constructed according to the latest and safest plans. This has also been brought out in the report of the Fire Prevention Committee of the National Board of Fire Underwriters, following a survey of the conditions in New Bedford.

The matter of fire prevention, you will agree with me, is of as great, if not of more importance, than the matter of protection from fire. I recommend that immediate steps be taken toward the appointment of a special committee to take into consideration the report mentioned, especially with relation to schoolhouses, to the end, that there may be enacted, as early in the year as possible, such changes in the city ordinances as will afford better protection from fires and the prevention of fires.

After very careful consideration, I shall recommend to the City Council and the School Committee that the better

policy to be practiced, with relation to the old high school building, is to tear down the old building to either the belt, or the foundation, and construct, on the same site, a new sixteen-room school building containing all modern improvements and built with the strictest regard to fire prevention. This contemplated modern building would not involve a disproportionate cost over remodelling the old building and it has been apparent, in the remodelling of the present municipal building, that remodelling does not give satisfactory results for the amount of money expended.

The need of a new central police station is also imperative. The old building has, at various times, been condemned as unsanitary and its condition and appearance are a disgrace to the city. On account of the size of the building, cells for women have to be provided in a separate building and a garage for the patrol wagons and ambulances maintained at some distance from the station- It is my intention to request authority from the legislature to bond outside the debt limit for a new central police station, and to start construction at the earliest possible date.

The School Committee also recommends that a new school building be constructed at the north end. It does not seem advisable to me to undertake the erection of this building during the current year- It will be possible, however, within the borrowing capacity, to secure a site for this building so that work may proceed early in 1917. There is available, during the current year, a borrowiug capacity of Five Hundred Thirty-Five Thousand, Two Hundred Ninety One Dollars. This is not exclusive of bonds for the widening of Union Street amounting to One Hundred Thirty-Eight Thousand, Nine Hundred Nineteen Dollars, as these bonds have not yet been authorized. The borrowing capacity is no larger than is required for street construction, sewers and other usual permanent improvements.

I shall seek further authority from the legislature to bond,

outside the debt limit, for the cost of the Union Street widening and a new school building, to be constructed on the site of the old high school.

INTERCEPTING SEWER

During the past year bonds, to the amount of Two-Hundred Eighty-Five Thousand Dollars, have been issued for construction of the Intercepting Sewer. This work, in order to become available, must be continued. A larger amount was expended on the Intercepting Sewer in 1915 than should be spent in 1916 as, on account of the conditions of unemployment during the winter of 1915, the work was rushed in order to give relief to men out of work. The Intercepting Sewer should be completed this year as far as the work is now laid out.

EXTENSION OF FARE LIMIT TO THE CITY LINE

The development of the north end of the city has been greatly retarded owing to the extra fare charged on the street railway lines beyond Lunds Corner. This appears to be an injustice to those owning land in this section of the city. I shall, at once, introduce a bill in the legislature authorizing the Union Street Railway Company to lease the property and trackage of the Bay State Street Railway Company from Lunds Corner to the city limits and shall take up the question of a single fare within the city limits with the Public Service Commissioners. This is a matter of great public interest, and one in which the city government and the citizens of this city should work unitedly to secure the benefits desired.

STREET DEPARTMENT

The greatest question confronting cities today is the construction of roads and streets which can withstand the wear and tear of automobile traffic. It has been found that water

bound macadam becomes disintegrated and worn out in two or three years; for that reason no water bound macadam was laid in 1915, but the efforts of the department were directed toward the construction of streets of a more permanent character. This construction has been as follows:—

1. For streets having a heavy traffic—a concrete base with granite blocks jointed with cement grout.

2. For central streets—a cement base with a wood block surface giving a minimum of noise.

3. For streets having a heavy automobile traffiic—a crushed stone base with a two inch asphalt surface.

4. For streets having a small or medium traffic—a crushed stone base and a penetration asphalt surface.

All of this construction is more expensive than water bound macadam, but the lasting qualities are so much greater, that no question exists of the economy of such construction. In January, 1915, the City owned no apparatus or plants for laying and constructing asphalt street surface. During the past year the City has purchased a concrete mixer of the latest approved type, a road machine and grader, a tandem roller, a street flusher, an oil distributor and a fully equipped asphalt plant. These machines are all available for use in 1916. Further apparatus will have to be purchased in order to adequately equip the department with labor saving machinery to bring the plant thoroughly up to date. The saving in cost to the City in doing its own work has been so large that this policy will be continued during the current year. I do not anticipate that any outside contracts for street construction will be awarded.

FIRE DEPARTMENT

It has been recognized for sometime that the complete motorization of the dcpartment was essential, both from the standpoint of efficiency and of economy. I recommend that steps be taken by the Fire Department Committee, or by a

special committee, to investigate, at once, this problem. In his report of last year, Edward F. Dahill, Chief Engineer, estimated the cost of complete motorization as Forty-Six Thousand Dollars. This is a considerable sum, but not prohibitive. The Committee, in its investigation, should also consider savings to be effected in doing away with the horses now used by the department and the possible elimination of certain groups of call firemen, thus continuing the policy of organizing a permanent force. Until the matter has been thoroughly gone into and the report of the committee rendered, it is not advisable to recommend the extent to which motorization should be carried; some provision, however, should certainly be made for better fire protection at the north end of the City.

BATH HOUSES

Following the suggestion of the last city government, I shall introduce a bill in the Legislature to permit the City to build bath houses at Hazelwood Park. It has been ruled by the City's legal department that, under the statutes, no bath houses could be constructed without a special act of the Legislature. I am not in favor, as a general rule, of encroaching upon park property for any other municipal purpose, but, in this case, where the City owns a splendid water frontage, the use of that frontage to furnish bathing facilities appears to be a proper and necessary part of the utilization of park property.

CONCLUSION

It is seldom that a new year, from a business standpoint, has opened more auspiciously for New Bedford. Unemployment is at its lowest mark. Our mills and industries are not alone prosperous at present, but have opening in front of them an era of prosperity perhaps unequalled in their history. It is for us, who have been elected to represent the people of New Bedford in the administration of municipal affairs, to see

that the city government gives every aid and assistance in this growth and development of the city so that this era of good times may not be transitory, but permanent. I feel confident that the coming year will witness the erection of new mills and the establishment here of new industries. I feel confident that, with your help, 1916 will be the brightest year in the history of New Bedford; not alone in industrial development, in increased population and new homes, but also in a city government operated economically, but with a far sighted view of the future needs of the City. Above all let this year witness an administration conducted for the benefit of the people of this City with special favors to none and courtesy to all.

ANNUAL REPORT

OF THE

Committee on Bath Houses

To the City Council

For the Year 1915.

CITY OF NEW BEDFORD.

December 31, 1915.

To the City Council.

GENTLEMEN: The Committee on Bath Houses begs leave to submit herewith its annual report for the season of 1915; the figures speak for themselves which prove it to be a record year in the history of the Public Bathing Houses.

The bathing houses were opened for business Saturday, June 19, 1915, and closed Saturday, October 2, 1915, remaining open a period of fifteen weeks.

The estimated number of bathers and weekly receipts are shown in the following reports of the Superintendent, viz: —

Week ending	No. of Bathers	Receipts
June 20	950	$12.99
" 27	1,357	12.77
July 4	2,131	33.89
" 11	4,021	53.14
" 18	6,162	88.65
" 25	4,028	49.23
Aug. 1	9,067	83.37
" 8	2,965 (inclement weather)	28.59
" 15	8,346	74.27
" 22	4,146 (week-end rain)	33.68
" 29	3,406 (inclement weather)	16.95
Sept. 5	2,415	18.04
" 12	3,095	18.44
" 19	2,945	20.83
" 26	194	.69
	55,228	$1,135.32

The houses, during the season, were in charge of the following employees :

Superintendent,	-	Alfred F. Benoit,
Assistants, - -	-	Francis J. Kennedy,
		Arthur Wooley,
Lady Assistant,	-	Mrs. Mary E. Doyle.

A financial statement is herewith presented, viz: —

Appropriations,		$2,500.00
Expenditures,		
Payrolls, attendants	$ 965.50	
Land rent	400.00	
Laundry	356.62	
Lighting	10.04	
Supplies	114.94	
Stock, labor, ect.	316.88	
Telephone	18.18	
Traveling	123.25	
	2,305.41	$2,305.41
Balance		$194.59

This year, owing to the location of the bath houses on East French Avenue being leased to H. W. Stacy of Springfield, Mass., by the present owners, for park and amusement purposes, the Committee were compelled at the close of the season to sell the bathing houses, which they did at public auction for the sum of $388.00.

It is to be regretted that the Committee cannot in the immediate future take care of the thousands of people who delight in taking advantage of this popular diversion and beneficial recreation. To prove the popularity of these bath houses, in the past year over 16,000 people were turned away for the lack of houses and deprived of the enjoyment of salt-water bathing during the summer heat; and it is to be hoped that the efforts of the Mayor to get the necessary legislation to locate permanent bath houses on the west side of West Frence Avenue, will be successful.

For the Committee,

GILBERT G. SOUTHWORTH,
Chairman.

Annual Report

OF THE

Superintendent of Public Buildings

ALSO

Inspector of Buildings

OF THE

CITY OF NEW BEDFORD, MASS.

For the Year 1915.

NEW BEDFORD
THE A. E. COFFIN PRESS, PRINTERS
1916

REPORT

OF THE

Superintendent of Public Buildings.

OFFICE OF SUPERINTENDENT OF PUBLIC BUILDINGS,
NEW BEDFORD, MASS., DEC. 31, 1915.

To his honor the Mayor and the City Council:

Gentlemen:—I have the honor to submit this report on the condition of public buildings under construction December 31, 1914, also the work performed under my supervision up to and including December 31, 1915.

PORTABLE SCHOOLHOUSES.

During the year, our City Council authorized the Committee on City Property to procure plans and specifications, obtain bids, and award contracts for six portable schoolhouses, to be located on the various schoolhouse grounds as directed by the School Board, and one to be located at the Sassaquin Sanitarium grounds.

The contract for these buildings was awarded to the E. F. Hodgson Company, of Boston, Mass., for furnishing, erecting on the lot and furniture complete for the sum of $10,834.00.

MUNICIPAL BUILDING.

The principal repairs to this building during the year was the awarding a contract to Morss & Whyte Co., of Boston, Mass., for inclosing elevator wellway with grill work to comply with the new statute law governing safety of elevators. The total cost of this work was $480.00.

A contract was awarded to William T. Caswell in November for painting all window sash to this building for the sum of $147.00.

WATER DEPARTMENT.

During the summer a contract was awarded by the Board to the B. F. Smith Co., lowest bidders, for repairing the large brick chimney on the Purchase street pumping station for the sum of $890.00, this work being done under the supervision of this department.

FIRE STATION NO. 6.

In June, a contract was awarded to Jones & Dodge for interior alterations to this station.

Total cost of this work, including plumbing, was $609.00.

CITY WHARVES.

In November, a contract was awarded to Frank C. Taylor of this city, lowest bidder, for general repairs to north side of Pier No. 4, from plans and specifications prepared by this department, for the sum of $475.00.

This part of the pier, which is occupied by the N. B. Fish Co., had long been neglected and had become absolutely dangerous to the occupants.

This work was completed in December and accepted by the Committee on Wharves.

In the month of August, fire damaged the building known as the Potter Building, located on the wharf property. The Committee voted to award the contract for repairing same to Charles L. Faunce, lowest bidder, for the sum of $786.00.

Other minor repairs were made to the several piers during the year.

WILLIS STREET POLICE STATION.

General repairs and painting both inside and outside to this building was ordered by City Property Committee in October. The contract was awarded to Jones & Dodge, lowest bidder, for the sum of $490.00.

VETERAN FIREMEN'S HEADQUARTERS.

During November, a contract was awarded Jones & Dodge, lowest bidders, by the Committee on City Property for general repairs and exterior painting to this building from specifications prepared by this department. The total cost of this work was $210.00.

PURCHASE STREET WARD ROOM.

This building was painted and repaired during the year by the Committee on City Property from specifications prepared by this department.

BATH HOUSES.

At the request of the Committee on Bath Houses, this department prepared plans for a permanent Bath House building to be located on the shore of West French Avenue opposite Hazelwood Park.

This plan called for a concrete building throughout, to contain 300 compartments, superintendent's room, stock rooms, and large public promenade facing the water.

This shore property being a part of our City Park System, it was necessary to obtain the right from our Park Board to locate this building thereon.

The Park Board refused to grant this right, thereby causing the matter to be tabled by the Committee.

OLD BATH HOUSES.

The lease of the shore property having expired and the owners wishing to use the same for private purposes, the Committee voted to sell at auction the old bath houses located on the shore at the southern extremity of East French Avenue. These houses being of a temporary character, had become so weather beaten and dilapidated that they were unfit to be moved to another location.

NEW CENTRAL FIRE STATION.

At a meeting of the City Council held May 13th, it was voted to purchase the lot northeast corner of Pleasant and North streets, known as the "Church" estate, for the purpose of erecting a new Central Fire Station thereon.

At the same meeting, an order was passed authorizing the Committee on City Property to select an architect to prepare plans for this building, obtain bids and report to City Council for further action.

June 22nd, the Committee selected James S. McIntyre, Architect, of this city, to prepare plans and specifications, he to consult with the Chief of the Fire Department as to the department's needs.

On November 12th, Architect McIntyre submitted the finished plans to the Committee, who referred same to the Superintendent of Public Buildings for a report as to their completeness for the purpose.

December 12th bids were called for by the Committee in two parts:

First. Bids for heating, plumbing and electrical work, to be submitted December 28th.

Second. Bids for general construction, including the above items, to be submitted December 30th.

December 30th, bids were received by the Committee. J. W. Bishop Co. being the lowest bidder in the sum of $121,990.00.

The matter was referred to the City Council of 1916.

In compliance with Section 2, Chapter XIII, of the City Ordinances, I hereby submit a detailed report of all repairs to city buildings coming under my supervision during the year of which the cost in each case was in excess of ten dollars:

SCHOOLHOUSES.

High School:		
Ordinary repairs,	$380.84	
Repairs of cornice,	260.04	
		$640.88
Parker Street School:		
Ordinary repairs,	$62.60	
Painting outside,	148.00	
		210.60
H. M. Knowlton School:		
Ordinary repairs,		120.20
Middle Street School:		
Ordinary repairs,		136.22
Fifth Street School:		
Ordinary repairs,	$139.33	
Painting fire escape,	36.75	
		176.08
R. C. Ingraham School:		
Ordinary repairs,		93.94
J. B. Congdon School:		
Ordinary repairs,	$235.46	
Repairing chimney (struck by lightning),	68.00	
		303.46
J. H. Clifford School:		
Ordinary repairs,		239.61
Thomas Donaghy School:		
Ordinary repairs,		120.71
William H. Taylor School:		
Ordinary repairs,		78.14
T. R. Rodman School:		
Ordinary repairs,	$209.83	
Painting inside,	175.00	
		384.83
Jireh Swift School:		
Ordinary repairs,	$98.93	
Metal ceilings,	261.00	
		359.93
Abraham Lincoln School:		
Ordinary repairs,		335.48
Betsey B. Winslow School:		
Ordinary repairs,		112.25

Harrington Memorial School:		
Ordinary repairs,	$208.73	
New grates in furnaces,	269.00	
Repairing after fire,	52.95	
Repairing after fire, painting,	247.00	
		777.68
Katharine Street School:		
Ordinary repairs,		131.76
Phillips Avenue School:		
Ordinary repairs,		32.45
Cedar Grove Street School:		
Ordinary repairs,	$224.08	
Painting fire escape,	36.75	
		260.83
Clark Street School:		
Ordinary repairs,		60.31
Merrimac Street School:		
Ordinary repairs,		39.90
Mary B. White School:		
Ordinary repairs,	$106.34	
Granolithic walks,	218.84	
		325.18
H. A. Kempton School:		
Ordinary repairs,		36.21
Cedar Street School:		
Ordinary repairs,		65.46
S. A. Howland School:		
Ordinary repairs,		220.77
T. A. Greene School:		
Ordinary repairs,		132.81
Acushnet Avenue School:		
Ordinary repairs,		121.62
Thompson Street School:		
Ordinary repairs,		67.54
I. W. Benjamin School:		
Ordinary repairs,	$239.09	
Painting inside,	501.75	
Painting fire escape,	36.75	
		777.59
Dartmouth Street School:		
Ordinary repairs,	$139.44	
Granolithic walks,	174.60	
Painting fire-escape,	36.75	
		350.79
George H. Dunbar School:		
Ordinary repairs,	$87.92	
Copper gutters,	148.00	
		235.92

Plainville School:		
Ordinary repairs,		52.58
Rockdale School:		
Ordinary repairs,		36.66
Sassaquin School,		1.15
Old High School:		
Setting glass, etc.,		14.50
Committee Rooms:		
Miscellaneous work,		275.99
		$7,330.03

FIRE STATIONS.

No. 1 Station:		
New fence around lot and general repairs,		$133.53
No. 6 Station:		
Interior alterations to second story,		609.00
No. 7 Station:		
Carpentry work,		21.85

VETERAN FIREMEN'S BUILDING.

General repairs and painting,		210.00

POLICE STATIONS.

Willis Street Station:		
General repairs and painting,		490.00
Kempton Street Station:		
Repairing heating plant,		166.60
Weld Street Station:		
Plumbing repairs,		11.23
Police Barn:		
Repairs to heater,		47.05

MISCELLANEOUS.

Municipal Building:		
Repairs to heating plant,	$116.00	
Mason work,	41.45	
Plumbing repairs,	61.66	
Painting,	147.00	
Carpenter work,	27.55	
Electrical work,	22.64	
Repairs to elevator,	480.00	
		896.30
Isolation Hospital:		
Repairs to heating plant,	$173.63	
Carpentry work,	292.77	
Masonry work,	32.80	
		499.20
Wharves:		
Repairs to piers No. 3 and No. 4,	$522.25	
Repairs to Potter building,	851.54	
Moving "Mullen" building,	175.00	
		1,548.79

WATER WORKS.		
Purchase Street Station:		
Repairing brick chimney,	$1,339.51	
Repairing roof,	45.98	
Repairing metal work,	31.61	
		1,417.10
PARKS.		
Carpentry work at Buttonwood Park,	$151.80	
Repairing and setting up apparatus at Grove Park,	65.26	
		217.06
PURCHASE STREET WARD ROOM.		
Painting and repairing conductors,		60.81
FREE PUBLIC LIBRARY.		
Plumbing and heating repairs (North End reading room),		42.00
ALMSHOUSE.		
Repairing slate roof,	$18.01	
Plumbing repairs,	20.77	
		30.80
BATHING HOUSES.		
General repairs,		241.08
CEMETERIES.		
New tool house at Oak Grove Cemetery,		212.89
Total,		$5,800.58

In compliance with Section 2, Chapter XIII, of the City Ordinances, I herewith submit a statement showing the amount and kind of repairs needed upon the following city buildings, during the fiscal year next succeeding, together with an estimate of the probable cost thereof:

High School:		
Ordinary repairs,		$300.00
Parker Street:		
Ordinary repairs,		200.00
H. M. Knowlton:		
Ordinary repairs,	$200.00	
Metal ceilings,	300.00	
		500.00
Middle Street:		
Ordinary repairs,		200.00
Fifth Street:		
Ordinary repairs,		200.00
R. C. Ingraham:		
Ordinary repairs,	$200.00	
Painting hall,	200.00	
		400.00
J. B. Congdon:		
Ordinary repairs,		200.00
J. H. Clifford:		
Ordinary repairs,		200.00
T. Donaghy:		
Ordinary repairs,		200.00
W. H. Taylor:		
Ordinary repairs,		200.00
T. R. Rodman:		
Ordinary repairs,		200.00
Jireh Swift:		
Ordinary repairs,	$200.00	
Paint, inside,	450.00	
Metal ceilings,	300.00	
		950.00
A. Lincoln:		
Ordinary repairs,	$200.00	
Repair brickwork,	300.00	
		500.00
B. B. Winslow:		
Ordinary repairs,	$200.00	
Granolithic walks,, grading yard,	1,000.00	
		1,200.00

Harrington Memorial:		
Ordinary repairs,	$200.00	
Granolithic walks,	450.00	
		650.00
Katharine Street:		
Ordinary repairs,		200.00
Phillips Avenue:		
Ordinary repairs,	$200.00	
Granolithic walks,	400.00	
		600.00
Cedar Grove Street:		
Ordinary repairs,	$200.00	
Grading yard,	100.00	
Slate blackboards,	1,200.00	
		1,500.00
Clark Street:		
Ordinary repairs,		200.00
Merrimac Street:		
Ordinary repairs,	$100.00	
Granolithic walks,	150.00	
Metal ceilings,	300.00	
		550.00
M. B. White:		
Ordinary repairs,	$100.00	
Slate blackboards,	250.00	
		350.00
H .A. Kempton:		
Ordinary repairs,		200.00
Cedar Street:		
Ordinary repairs,	$100.00	
Fence, repair yard,	250.00	
Slate blackboards,	450.00	
		800.00
S. A. Howland:		
Ordinary repairs,	$200.00	
Paint, inside and outside,	400.00	
		600.00
T. A. Greene:		
Ordinary repairs,	$200.00	
Repairing chimney,	150.00	
Slag roof on deck,	125.00	
		475.00
Acushnet Avenue:		
Ordinary repairs,	$200.00	
Repair fence:	100.00	
		300.00
Thompson Street:		
Ordinary repairs,	$200.00	
Slate blackboards,	85.00	
		285.00

I. W. Benjamin:		
Ordinary repairs,	$200.00	
Slate blackboards,	750.00	
Paint inside,	300.00	
		1,250.00
Dartmouth Street:		
Ordinary repairs,	$200.00	
Slate blackboards,	250.00	
		450.00
G. H. Dunbar:		
Ordinary repairs,		200.00
Plainville:		
Ordinary repairs,	$100.00	
Paint inside and outside,	150.00	
		250.00
Rockdale:		
Ordinary repairs,	$100.00	
New out-building,	125.00	
Grading yard,	150.00	
		375.00
School Committee rooms,		200.00
Total,		$14,885.00

FIRE STATIONS

Number of Station	Location	Year Built	Material	No. Stories.	Rods of Land.	Valuation of Land	Valuation of Buildings	Totals.
No. 2	Purchase st. and Mechanics Lane	1821	Brick	2	14.22	$23,000	$25,000	$48,000
No. 9	Acushnet av. nr. Lunds corner	1861	Wood	2	8.81	200	2,300	2,500
No. 4	Sixth and Bedford streets,	1866	Brick	2	20.09	1,700	14,300	16,000
No. 1	Purchase and Franklin streets	1871	Brick	2	26.68	1,500	12,000	13,500
No. 6	Fourth st., nr. Potomska st.	1882	Brick	2	28.28	1,500	14,000	15,500
No. 7	Durfee street	1890	Brick	2	37.36	1,500	20,000	21,500
No. 5	County and Hillman streets	1892	Brick	2	23.85	3,300	20,000	23,300
No. 8	Acushnet av. and Davis street	1894	Brick	2	47.00	2,600	24,000	26,600
No. 3	Kempton and Reed streets	1906	Brick	2	35.16	2,300	21,882	24,182
No. 11	Brock av. and Mott street	1908	Brick	2	44.91	1,571	17,840	19,411
No. 10	Purchase and Cedar Grove sts.	1909	Brick	2	Part water works lot			21,963
								$232,456

SCHOOL BUILDINGS.

Name of School.	Location.	Year built, enlarged or remodelled	Material	No. stories	No. rooms	Rods of land	Valuation of land	Valuation of building	Total
Middle street	Summer and Middle streets	1844	Brick	3	9†	117.26	$10,000	$25,000	$35,000
Plainville	Plainville road	1846	Wood	1	1	42.91	100	1,000	1,100
North	County road near North line	1852–1891	Wood	1	2	60.00	200	1,800	2,000
Parker street	Parker street	1852–1874–1902	Brick	2	12†	140.87	7,700	52,000	59,700
Cedar street	Cedar and Maxfield streets	1855	Wood	2	6	34.39	1,700	5,300	7,000
Dartmouth street	Dartmouth and Hickory streets	1855–1890	Wood	2	8	60.16	3,500	13,000	17,000
Rockdale	Hathaway road	1855	Wood	1	2	50.94	100	1,000	1,100
Merrimac street	Merrimac and State streets	1857	Brick	2	6	60.45	3,300	15,000	18,300
Fifth street	Fifth and Russell streets	1860–1876	Brick	3	10†	65.54	6,000	30,000	36,000
High	Summer street	1876	Brick	3	10†	133.88	11,000	100,000	111,000
Acushnet avenue,	Acushnet Avenue near Grinnell	1878–1894	Brick	2	10	82.85	6,000	44,000	50,000
Mary B. White	Maxfield and Pleasant streets	1881	Brick	2	4	31.37	4,300	21,000	25.300
Cedar Grove street	Cedar Grove street	1883–1892	Brick	2	15	118.75	5,000	31,000	36,000
Thompson street	Thompson street	1885	Brick	2	10	80.00	4,300	33,500	37,800
Harrington	Court street	1889–1900	Brick	3	11†	180.13	5,000	50,000	55,000
I. W. Benjamin	Division street	1891	Brick	2	12	110.74	6,000	28,000	34,000
Sylvia Ann Howland	Pleasant and High streets	1893–1901	Brick	2	7	51.80	9,500	55,600	65,100
Thomas A. Greene	Fourth and Madison streets	1894	Brick	2	10	63.58	5,200	53,000	58,200
Clark street	Clark street	1896	Brick	2	8	119.54	3,500	37,000	40,500
George H. Dunbar	Dunbar and Dartmouth streets	1897	Brick	2	8	140.00	2,700	40,000	42,700
Phillips avenue	Phillips avenue	1897	Brick	2	8	118.08	5,500	33,000	38,500
William H. Taylor	Brock avenue	1898–1910	Brick	2	12†	352.64	12,475	76,000	88,475
John H. Clifford	Coggeshall and Bowditch streets	1901	Brick	3	12†	210.60	12,636	71,600	84,236
Robert C. Ingraham	Blackmer street	1901	Brick	3	12†	196.11	12,000	70,000	82,000
Horatio A. Kempton	Shawmut avenue	1901	Brick	2	8	142.30	4,680	43,000	47,680
Thomas Donaghy	South street	1905	Brick	2	12	19.31	23,500	63,004	86,504
Hosea M. Knowlton	County and Coggeshall streets	1906	Brick	3	16†	432.09	11,750	95,661	107,411
James B. Congdon	Hemlock and Thompson streets	1908	Brick	3	16†	209.29	13,488	103,000	116,488
Thomas R. Rodman	Rockdale avenue and Mill streets	1908	Brick	3	10†	124.45	4,978	76,824	81,802
Jireh Swift	Acushnet avenue near Lunds corner	1909	Brick	3	10†	124.80	1,700	80,710	82,410
Abraham Lincoln	Bowditch street, north Belleville road	1911	Brick	3	20†	696.82	17,700	128,000	145,700
Nineteen portable schools	In various school yards and out at Sassaquin Sanitarium	1903–1916	Wood	1	1				34,108
Betsey B. Winslow	Allen and Brownell streets	1912	Brick	2	12†	893.09	25,712	122,741	148,451
New High School	County, head of William street	1912	Brick	3	48†	401.60	60,001	509,369	569,370
atherine street	Katherine & Bonney streets	1914	Brick	2	20†	411.97	12,233	167,081	179,314
									$2,625,249

† Assembly hall.

POLICE STATIONS.

Name	Location.	Year Built	Material	No. Stories	Rods of Land	Valuation of Land	Valuation of Buildings	Total
Central	Second street	1822	Brick	2	44.48	$5,400	$10,000	$15,400
Willis street	Willis st., near Purchase	1850	Wood	2	12.27	1,325	2,500	3,825
Weld street	Weld street	1880	Brick	2	21.00	4,500	25,000	29,500
Blackmer st.	Blackmer and Water streets	1892	Brick	2	7.76	800	12,000	12,800
Kempton st.	Kemption and Cedar streets	1898	Brick	2	11.94	1,650	19,000	20,650
Police stable	Second street, near School street	1891	Wood	2	18.24	1,500	2,900	4,400
								$86,575

OTHER PUBLIC BUILDINGS.

Name	Location	Year Built and Remodelled	Material	No. Stories	Rods of Land	Valuation of Land	Valuation of Building	Total
*Free Public Library	William and Pleasant Sts.	1907–1910	Stone	3	87.39	$125,000	$275,000	$400,000
†Municipal Building	William and Pleasant sts.	1912	Brick	3	92.74	138,864	336,000	474,864
Almshouse Property	Clark's Point	1842	Stone-Wood	3	77 acres	46,000	54,000	110,000
City Stables	Ash Street	1877	Brick	1 & 2	456.93	8,400	57,000	65,400
Pumping Station and Lot	Purchase street	1866–1870	Stone	1	640	24,000	25,000	49,000
School Committee Headquarters	William street	1846	Wood	2	24.61	5,000	4,700	9,700
Veteran Firemen's Headquarters	High and Foster sts.	1846	Wood	2	9.83	1,000	1,300	2,300
Ward Room	Fourth street	1835	Wood	1	3.82	500	650	1.150
Ward Room	Rivet street	1896	Wood	1	4 19	500	2,000	2,500
Ward Room	Kempton, East of County St	1889	Wood	1	leased land		500	500
Water Works,	Lakeville	1895–1900	Brick-Wood				136,000	136,000
Isolation Hospital	City Farm	1904	Wood	2			41,200	41,200
Immigration Shed	City Wharf	1904	Wood	2			10,500	10,500
Miscel. Building on City Parks, City Wharves, Cemeteries, etc.,								50,000
Old Lunds Corner Schoolhouse	Lunds Corner	1889	Wood	2	84	4,500	5,500	10,000
Sewage Pumping Station	Cove road	1913	Brick	1	city's shore property		14,180	14,180
Power and Screen house	West French avenue	1914	Brick	1	city's shore property		31,864	31,864
								1,409,158

* Formerly City Hall—Erected in 1838-1839.

† Easterly part formerly Free Public Library Building—erected in 1856.

Inspector of Buildings Report.

OFFICE SUPERINTENDENT PUBLIC BUILDINGS.

BUILDING STATISTICS FOR 1915.

Total number of permits granted during the year for new buildings, alterations and repairs was 1012, at an estimated cost of $3,126,734. Classified as follows:

	Permits	Est. Cost
New dwellings (including stores and dwellings combined)	383	$1,397,800.00
New buildings and additions for manufacturing and business purposes	21	702,500.00
Buildings for religious and hospital purposes	5	189,000.00
Buildings for theatrical purposes,	2	272,000.00
Buildings for hotel purposes	1	20,000.00
Blocks of stores,	14	54,250.00
Garages	142	148,305.00
Alterations and repairs	316	250,085.00
Miscellaneous—barns, sheds, etc.	128	68,830.00
	1012	$3,102,770.00
CITY BUILDINGS		
Six portable schoolhouses		10,834.00
Alterations and repairs to schoolhouses and other city buildings		13,130.00
Total		$3,126,734.00

Number of new tenements added 699

DWELLINGS ERECTED BY WARDS.

One	Two	Three	Four	Five	Six
171	11	27	74	36	64

CLASSIFICATION OF DWELLINGS ERECTED

One family dwellings	192
Two " "	99
Three " "	75
Four " "	8
Five " "	5
Six " "	3
Sixteen " "	1

STATISTICS FOR YEAR 1914

No. permits granted.	Estimated cost.	New dwellings erected	New tenements
1062	$3,0397.36	406	808

STATISTICS OF PREVIOUS YEARS.

	No. Permits	Estimated Cost	No. Dwellings Erected	No. Tenements Added
1893	340	$1,800.000	151	322
1894	69	795,860	144	361
1895	554	1,301,871	201	527
1896	794	1,687,396	378	920
1897	797	1,357,395	310	699
1898	415	490,647	81	122
1899	424	708,245	79	124
1900	402	755,401	68	102
1901	416	1,099,102	161	235
1902	470	1,968,840	164	354
1903	608	1,984,871	252	578
1904	541	1,575,552	210	447
1905	648	1,506,275	293	645
1906	672	2,450,500	296	649
1907	682	2,256,000	278	721
1908	774	2,872,300	411	1,083
1909	986	6,267,650	550	14,73
1910	117	7,037,337	639	1,812
1911	950	2,661,063	485	1,117
1912	940	2,400,050	379	896
1913	1245	3,067,700	425	820
1914	1062	3,039,736	406	808
1915	1012	3,126,734	383	699
	16,310	$52,210,525	6,744	15,514

INSPECTIONS BY THE BUILDING INSPECTORS.

Table showing number of inspections made each month and for what purpose.

	New Buildings	Additions Alterations	Special	Fires	Totals
January	511	156	33	1	701
February	669	197	16	1	883
March	1024	293	15	4	1336
April	990	249	36	2	1277
May	1137	255	21	1	1414
June	1103	219	23	1	1346
July	762	164	15	1	942
August	555	90	71	2	718
September	828	159	27	1	1015
October	801	153	35	2	991
November	882	170	25	3	1080
December	749	133	35	2	919
Totals	10,011	2,238	352	21	12,662

VIOLATIONS REPORTED AND CORRECTED.

Building without permit	67
Dangerous buildings	8
Dangerous chimneys	7
Defective construction	20
Flue lining omitted	12
Lathing without notification	34
Omission of fire stops	10
Miscellaneous	30
Total	198

ELEVATOR INSPECTION.

In accordance with Chapter 806, Acts of 1913, it shall be the duty of the Inspector of Buildings in every city of the Commonwealth to inspect all elevators in their respective cities annually, and a practical test of the safety devices and other requirements coming under this act, the Inspector to make a detailed report thereof to the Chief of the Massachusetts District Police upon forms furnished by him, and a complete record of each inspection to be kept by such Inspector; said Inspector also to issue licenses to all elevator operators after a thorough examination as to their fitness, etc.

In compliance with the above law, 244 freight and 20 passenger elevators were inspected by this department during the year; a record filed of each elevator inspected, and a notification sent to the owners of the changes necessary to be made to comply with the law, which in every case has been complied with, or a promise made to have the necessary changes made at once.

Forty applicants were examined for licenses to operate passenger elevators and a certificate granted to each applicant.

INSPECTION OF STREET SIGNS.

As required by Section 16, Chapter 22 of the City Ordinances, 308 applications for permission to maintain signs extending over the public highway were forwarded to this office during the year for inspection as to their method of fastening to their supporting surface, height of same, and distance extending over sidewalk.

Many were found to be existing contrary to law, the owner being notified of the requirements necessary to

comply with the law,—which in every case was promptly complied with. This required in many cases several inspections of one application.

HOTEL AND LODGING HOUSE INSPECTION.

In compliance with Sections 33, 34 and 35 of Chapter 104 of the Revised Laws, relative to hotels and lodging houses having eight or more rooms above the second floor, I have made an annual inspection of every hotel and lodging house in the city coming under this law and reported their condition relative to safety in case of fire to the Chief of Massachusetts District Police.

Also, in accordance with Chapter 129, Acts of 1911, I have made an inspection of forty houses maintained for furnishing lodging to transient persons and not licensed as an inn, in which ten or more persons are lodged, notwithstanding that no price is charged for lodging, and reported their condition as a matter of safety in case of fire to the Mayor and Board of Aldermen.

In every case where the necessary precautions against the spread of fire and giving alarm to inmates had not been provided for, the petitioner for license to maintain such house was given leave to withdraw.

CONCLUSION.

In conclusion, I wish to express my appreciation and thanks to the Mayor and the various committees of the City Council for their cordial co-operation in all matters pertaining to the work of this department.

Respectfully submitted,

JOSEPH L. GIBBS,

Supt. Public Buildings.
Inspector of Buildings.

CITY OF NEW BEDFORD.

In Board of Aldermen,
January 27, 1916.

Received, ordered printed in the City Documents and sent down for concurrence.

W. H. B. REMINGTON,
City Clerk.

In Common Council,
January 27, 1916.

Concurred.

LILY F. DARCY,
Clerk pro tem.

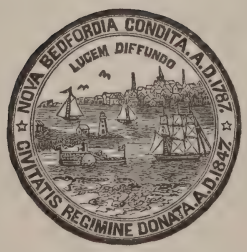
Twenty-first Annual Report

OF THE

Board of Cemetery Commissioners

For the Year Ending December 5th

1915



NEW BEDFORD
THE A. E. COFFIN PRESS, PRINTERS
1916

CEMETERY BOARD.

WILLIAM M. HIGHAM, Chairman.
JOHN G. NICHOLSON.
CHARLES H. VINAL, Secretary.

CLERK OF THE BOARD.
PARDON A. MACOMBER.

ASSISTANTS.
MISS IVAH M. HUNT.
MISS ALICE G. SHAW.

Acting Superintendent.
HURLBERT E. THOMAS.

CEMETERIES.

RURAL. . . . . SEXTON, NELSON L. PIKE.
OAK GROVE. . . SEXTON, EDMUND M. CORNELL.
PINE GROVE.
GRIFFIN STREET.

CITY OF NEW BEDFORD,

OFFICE OF CEMETERY BOARD.

New Bedford, December 6, 1915.

To the Honorable, the City Council of the City of New Bedford.

GENTLEMEN :—

In conformity with Section 8, Chapter XVIII of the Ordinance, relative to the Department of Cemeteries, the Board of Cemetery Commissioners herewith submits its twenty-first annual report, the same being for the year ending December 5th, 1915.

CHARLES H. VINAL.
Secretary.

FINANCIAL STATEMENT.

FOR THE YEAR ENDING DECEMBER 5, 1915.

DR.

Balance, old account	$ 46.52
Annual appropriation	15,000.00
Receipts, labor to December 6, 1915	10,347.24
Receipts on Perpetual care lots	6,510.33
	$31,904.09

CR.

Transferred to unappropriated funds, (see City Auditor's balance)	$ 46.52
Expenditures, general	31,835.23
Unexpended balance	22.34
	$31,904.09

SALE OF LOTS.

DR.

Balance, old account	$ 842.53
Receipts, Sales of Lots, to December 6, 1915	6,625.00
	$7,467.53

CR.

Expenditures, improvement and embellishment	$6,181.87
Balance, to new account	1,285.66
	$7,467.53

CLASSIFIED STATEMENT OF EXPENDITURES.

RURAL CEMETERY.

General labor account	$5,390.28	
Distribution account	2,852.87	
Supplies, tools	220.82	
" (Brick cement, lime and sand)	551.72	
" (Seed, sod, fertilizer)	165.70	
" (General)	306.62	
Water	100.58	
Avenues	530.79	
New sections	1,904.86	
" wall	43.64	
Sewer assessment	295.43	
Pension	349.44	
Police	78.00	
		$12,790.75

OAK GROVE CEMETERY.

General labor account	$4,945.04	
Distribution account	1,688.58	
Supplies, tools	164.90	
" (Brick, cement, lime and sand)	191.45	
" (Seed, sod, fertilizer)	138.93	
" (General)	167.30	
Water	81.91	
Avenues on new sections	634.42	
Tool house repairs	212.89	
Nursery	6.84	
		$8,232.76

PINE GROVE CEMETERY.

General labor account	$1,668.46	
Distribution account	573.45	
Supplies, tools	40.26	
" (Cement and lime)	19.80	
" (Fertilizer)	289.71	
" (General)	156.98	
Water	10.01	
Nursery	3.35	
Avenues on new sections	82.19	
New approach	702.17	
New wall	2,389.00	
Extension account	1,556.28	
		$7,491.66

GRIFFIN STREET CEMETERY.

General labor account	$293.58	
Supplies	.35	
Water	5.00	
		$298.93

GREENHOUSE.

General labor account	$2,014.34	
Maintenance, stock and supplies	332.13	
		$2,346.47

OFFICE.

Supplies	$388.65	
Telephone	82.93	
		$471.58

SALARIES.

Office	$2,786.00	
Assistant Superintendent	1,200.00	
Sexton, Rural Cemetery	1,020.28	
" Oak Grove Cemetery	936.00	
		$5,942.28

TELEPHONES.

Oak Grove Cemetery	$37.00	
Pine Grove Cemetery	43.00	
Assistant Superintendent's residence	16.68	
		$96.68
Automobile account, supplies		$269.25
Road Roller account, insurance		44.00
" " " painting		26.75
" " " supplies		4.19
Crusher account, supplies		1.80

Amount of uncollected bills to December 6, 1915.... $2,528.40

Respectfully submitted,

PARDON A. MACOMBER, *Clerk.*

Report of Cemetery Commissioners.

Following the economical action served out to the several departments of this city, at the apportionment of the annual appropriations, this department's allotment was cut from a conservative estimate, by $10,000, allowing funds, sufficient with the possible income of the department to barely provide for the perpetual and annual care of lots under contract, and the proper maintenance of the ever growing city of the dead. Thus, no progress could be made in development or improvement, only as the funds from "Sales of Lots" would permit, and this to a very limited extent.

The Board has sought to meet the requirements of the administration to accomplish the work of its department as far as possible without exceeding its appropriation or requesting additional funds. The Board, however, desires that the incoming administration may become impressed with the fact that the rapid growth in this department does warrant an appropriation sufficient to allow the department to continue along the lines of development, that desired sections can be made available for burial purposes. This is particularly essential in Pine Grove Cemetery, for so much preparatory work has to be done, and permanent improvement and development has to be made before sections and lots are available for burials. The nature of this work consists of the extension of avenues to reach desirable sections, the digging over the entire ground as development extends, to the depth of a grave, and the removal of all obstructions, the macadamizing of avenues, the building of proper drainage, the extension of water mains, the building of the enclosures to protect the grounds, the grading, seeding and embellishment of all new development,—all are essential requirements to properly prepare these grounds for public use.

On September 9th, the following action was taken by the City Council at the request of the Veterans of the Spanish War:

CITY OF NEW BEDFORD.
In Board of Aldermen.
September 9, 1915.

ORDERED, That the Cemetery Board is hereby authorized and directed to set apart a section of Pine Grove Cemetery for the burial of all persons who belonged to the army and navy of the United States during the war between the United States and Spain, and died in service, or were honorably discharged, and for the burial of their wives, widows and children: the section of said cemetery to be set apart and the rules and regulations governing the use thereof to be discretionary with said Cemetery Board.

In BOARD OF ALDERMEN, Sept. 9, 1915.
Adopted and sent down for concurrence.

In COMMON COUNCIL, Sept. 9, 1915.
Concurred.
Presented to and approved by the Mayor Sept. 10, 1915.

A true copy, attest:
(Signed) W. H. B. REMINGTON,
(Copy) City Clerk.

The Board have already been approached by this body as to the possible layout of this section; the proper site, however, deemed by the Board as appropriate for this purpose is quite remote from the present developed district of Pine Grove Cemetery, and a large outlay will be necessary before this section can be reached, and a special appropriation must be made for proper development of a section for this purpose. Should the wisdom of the City Council lead to such a provision, the Cemetery Board will make every effort to meet the desire of the Veterans.

Through available funds from "Sales of Lots" account, permanent improvements of 701 feet of wall enclosure have been constructed, and 801 feet of foundation for the same have been laid; 17,512 square feet of land was dug over. Thus some small progress has been accomplished.

Acting Superintendent's Report.

To the Cemetery Board of the City of New Bedford.

Gentlemen:—I herewith submit my annual report, together with a statement of the work done during the fiscal year just ended, and recommendations in respect to work which will be needed during the approaching season.

Griffin Street Cemetery, situated in one of the most thickly settled districts of the city, while continuously subject to trespass by many children who live near the grounds and who are indifferent to the feeling of respect which all should have for places of this character, has received constant attention throughout the year. A caretaker has been regularly detailed from the cemetery force to care for these grounds, the grass has been regularly cut, three large flower beds have been maintained, filled with foliage plants. These beds have been thoroughly watered and weeded, and the appearance of the cemetery through the summer was very satisfactory.

RURAL CEMETERY.

For the past two years, no more work has been done in this, our largest and most beautiful cemetery, than was necessary to maintain the grounds here in good condition, and provide sufficient lots for sale to meet the constant demand in this rapidly growing city of the dead. On account of the pressing demand of developing Pine Grove Cemetery, and by reason of the stringency adopted by the Council in appropriating funds for this department, all permanent improvement, extensions, drains, enclosures and new avenues, recommended in previous reports, have been held in check, until sufficient funds are available to warrant their construction.

I would recommend that the south wall enclosure, and 2,000 feet of 15-inch surface drain should be constructed, if possible, the coming season.

The sexton's quarters need re-shingling and painting as well as the tool house.

OAK GROVE CEMETERY.

The general appearance of these grounds has been very satisfactory this year. The work has been confined principally to embellishment and maintenance. Practically all the land in this cemetery suitable for burial purposes has been improved, cut up into lots, and burial rights in the same sold. The park section in that portion of the cemetery north of Parker Street has been most attractive, embellished with a choice variety of specimen trees, flowering shrubs, beds of flowers, artificial ponds, fountains, etc., and all lend their attractiveness to dispel the gloom so often associated with the burial ground.

In these grounds are the greenhouses. These supply all the cemeteries with plants, annual plants for the many flower beds and borders, at a nominal expense to this department. No less than 60,000 plants are raised and distributed for the embellishment of the several grounds.

The old section, south of Parker Street, has received its usual attention and care, the grass regularly cut on the sections and lots, the shrubs trimmed, the walks and avenues properly cared for and cleaned. I not only recommend to the Board, but I wish to impress the great necessity of repairs and painting of the picket fence which surrounds this cemetery.

From some unknown cause, fire badly damaged the tool house in this cemetery, and destroyed many of the tools used by the employees. Repairs were subsequently made to the building. It now needs repainting.

PINE GROVE CEMETERY.

But little progress in the development of this new cemetery has been accomplished this year; available funds from the "Sales of Lots" account have enabled this department to continue construction on the wall enclosure to an extension of 701 feet.

By reason of the sections set aside in the other cemeteries of the city for public grounds becoming filled, all burials of this character are required to be made in Pine Grove and it will require continuous provision for them each year.

An unlimited outlay might be recommended to the Board in this cemetery, for so much must be done before these grounds can generally be made available for burial purposes. The continued construction of the enclosure wall, 1,000 feet of water main laid to connect with the city's service, tool house constructed, sexton's quarters should be built, avenues constructed and many other accessories, all are essential to the building of a new cemetery; this, however, I prefer to leave to the judgment of the Board, as to which will be the most advisable to provide for the coming year.

SUMMARY.

	Rural	Oak Grove	Pine Grove
Sq. ft. land dug over	7,344	.....	17,512
Sq. ft. sod laid	1,690	.....	.....
Lineal ft. avenues fitted	.....	500	.....
Lineal ft. borders fitted	.....	5,000	.....
Foundations for tablets	121	121	14
Foundations for mounuments	18	23	.....
Cement bound posts set	68	.....	423
Cement numbers set	.....	.....	222
Corner posts on lots set	8	.....	.....
Shrubs set out	40	.....	.....
Bodies entombed 1915	10	19	4
Bodies disinterred 1915	7	18	7
Interments in Friends Cemetery	7	.....	.....
Interments made in lots	246	208	17
Interments made in public ground	32	.....	347
Interments made in single graves	.....	2	42
Interments made in Soldiers' and Sailors' lot	4	.....	.....
Total interments, 1915	289	210	406
Bodies remaining in tomb	1	1	.....
Lots sold in 1915	45	47	8
Single graves sold in 1915	2	2	44
Prepared lots unsold	216	310	90
Prepared single graves unsold	.....	.....	187
Value of lots unsold	$15,625	$40,420	$5,055
Value of single graves unsold	.....	.....	$2,805
Foundations re-built	5	.....	.....
Headstones re-fitted	15	6	.....
Brick graves built	55	25	1
Lots in annual care	676	574	36
Lots in annual care Friends Ground	9	.....	.....
Lots in perpetual care **	829	601	38
Lots refitted and seeded	2	.....	.....
Lots refitted and sodded	2	.....	.....
Trees set out	24	.....	192
Lineal ft. of wall built	.....	.....	701
Lineal ft. of wall foundation built	.....	.....	881
Trees removed	2	6	.....

**St. Mary's, 58. Friends, 21. St. John's, 7
Congregational Church 15. Peckham West, 12. Griffn Street, 1.

Respectfully submitted,

HURLBERT E. THOMAS,
Acting Superintendent.

REVISED SCHEDULE OF PRICES, COVERING BURIAL CHARGES.

For opening grave for coffins	$3.00
" " " " case or casket	4.00
" " " " chestnut or steel case	5.00
" " " " brick	6.00
" bricking graves (Adult) with interment	24.00
" " double graves (Adult) with interment	44.00
Opening grave for child under 1 year	1.25
" " " " " 1 " with case	1.50
" " " " 1 year and under 5	1.50
" " " " 1 " " " 5 with case	2.00
" " " " 5 years and under 12	2.50
" " " " 5 " " " 12 with case	2.75
" " " " for brick	3.50
Entombing	.75
Lease in tomb for Adult per month	1.50
" " " " Child " "	1.00
Bricking graves for ashes	5.00
Interment in same	1.25
Cement box for ashes	6.00
Interment in same	1.25
Removing and replacing earth	5.00
Boughing grave for interment	3.00

In effect Nov. 15, 1915.

With the coming of winter, there is to some extent a cessation of activities in the cemetery, and yet it is also the season when plans are being formulated, and perhaps at no other season is there more time devoted to the study of the possibilities of the cemetery. In the study of plans for the building and opening of a new cemetery, the Board realize the necessity of acting slowly to try at least to avoid some of the gigantic mistakes which we see perpetrated about us. More thought is being put into the planning of cemetries than ever before, that future generations may not be confronted with the problem of the old cemetery to be uptorn, bodies to be removed, and emergencies which are daily being placed before those of the present day.

The cemetery has always been a sacred place, particularly in Christian countries, but the ideas and ideals associated with the cemetery have known great changes, especially during the last score of years. Gloom and depression were the only thoughts then connected with the cemetery of other days. Sadness there must of necessity be at the memory of loss, but the cemetery of today is entirely removed in the dominant impressions it makes from the cemetery of other days. Then, mounds were marked with a slab which seemed to carry with it some sense of chill, and there was no attempt made to lessen the impression of desolation. With the coming of the park cemetery, came the thought too of eliminating as far as possible all that was unlovely from the modern cemetery.

Pine Grove Cemetery, the site of which lies in the northwest section of the city, four miles from the city's centre, is on high ground commanding a view of the surrounding country. The quiet grandeur of the location makes it ideal as a resting place for those who for a time have gone before.

With an area of seventy-three acres, the possibilities of development along modern lawn or park ideas are unre-

stricted. The soil is a sand loam, which insures a dry burial, a feature which will be appreciated by those who know how few cemeteries possess it.

Conveyance of Lots to the City in Trust.

One provision which the Cemetery Board has made since its organization is the conveyance of lots to the city in trust. It is a matter of daily occurrence that cemetery lots come into the possession of those who have no relationship or respect for the family, or the memory of the original owner of the lot who may be buried therein. This is the result of changes and lapse of years. To absolutely prevent such conditions and yet retain all rights of use, the Board has provided a re-conveyance to the city of lots which will be held in trust. Such conveyance can be made so as to secure the full use of the lot to the owner and the descent of such use to such persons as may be specified, which will effectually prevent the lot ever coming into the possession of persons not akin to the original owner, a matter which those who have had experience will thoroughly appreciate, and while individual tastes and opinions must of necessity be subordinate to the general welfare and appearance of the cemeteries, it is believed that by co-operation with those in charge, the best results for all will be attained.

The purchase of a cemetery lot is one of the most sacred of obligations. Sooner or later it must be met, and it is so much better to make the purchase when one is calm and undisturbed by grief than when compelled by heart breaking necessity to provide a resting place for some loved one. Many, appreciating this fact, have bought lots in one of the several cemeteries, which are still unoccupied and are a provision against that time which comes into every life. Such lands are exempt from assessments and public taxes, and also from the liability of being sold on execution or for the debts of the individual proprietor.

PERPETUAL CARE.

Since the organization of the Board, it has persistently advocated, particularly to new purchasers, the perpetual care of lots. With many sales, the cost of permanent care is included in the purchase price of a lot, and insures care of the grass, monumental work, and the general and permanent good appearance of the lot, without additional expense to the owner. This care the cemeteries of the city are well equipped to give, since it has its own greenhouses for bedding-out purposes, and a corp of competent men who serve under the management.

Number of lots placed in perpetual care in 1915..	59
Number of additional deposits on lots already in perpetual care.....	9
Total number of lots in perpetual care.....	1,582
Amount deposited for perpetual care in 1915.....	$9,035.00
Total amount now deposited.....	$192,256.62

In closing this report, we beg to acknowledge the courtesy and helpfulness extended by his Honor, the Mayor, and the City Council, in connection with department problems on numerous occasions. Your co-operation with this unpaid commission has made our executive management a pleasure, while performing a civic duty.

Respectfully submitted,

W. M. HIGHAM, Chairman.
JOHN G. NICHOLSON,
CHARLES H. VINAL, Secretary.

Board of Cemetery Commissioners.

Annual Report

OF THE

CITY CLERK

OF THE

CITY OF NEW BEDFORD

MASSACHUSETTS

For the Year 1915

New Bedford, Mass.,
MERCURY PUBLISHING CO., PRINTERS,
112 and 114 Union Street.
1916.

ANNUAL REPORT OF CITY CLERK.

City of New Bedford
City Clerk's Office,
Jan. 31, 1916.

To the City Council:

Gentlemen:—During the fiscal year 1915 (Dec. 7, 1914 to Dec. 4, 1915) the City Clerk's Department received and turned into the city treasury the following:—

FOR LICENSES.

Auctioneers,	$80.00	
Billiards, pool, etc.,	1,513.00	
Bowling alleys,	162.00	
Firearms,	90.00	
Carousals,	26.00	
Fruit peddlers,	2,320.00	
Fruit peddlers, badges,	31.00	
Fruit peddlers, wagon plates,	59.00	
Hacks and wagons,	82.50	
Wagon plates,	89.00	
Motor trucks,	20.00	
Autos, etc.,	311.50	
Intelligence office,	24.00	
Junk dealers,	280.00	
Junk collectors,	204.00	
Junk collectors' badges,	13.00	
Junk collector's wagon plates,	33.50	
Pawnbrokers,	450.00	
Petroleum,	108.00	
Petroleum (registration),	124.00	
Gunpowder (registration),	1.50	
Private detective,	20.00	
Scallops,	57.00	
Lunch vehicle,	50.00	
Dry cleaning,	3.00	
Dry cleaning (registration),	1.00	
Manufacture of sausages, etc.,	14.00	
Garage,	33.00	
Garage (registration),	29.00	
Motor bus,	278.00	
Motor bus seals,	279.00	
Motor bus drivers,	352.00	
Motor bus drivers' badges,	353.00	
Sign permits,	194.00	
		$7,685.00

FEES.

Intention of marriages,	$1,207.00	
Mortgages,	332.20	
Assignment of mortgages,	2.75	
Foreclosure of mortgages,	1.25	
Discharge of mortgages,	39.25	
Bills of sale and conditional bills of sale,	64.27	
Assignment of wages,	11.75	
Married women's certificates,	10.75	
Voluntary assignments,	10.00	
Writs,	.50	
Copies of record,	719.65	
Business certificates,	14.75	
Transfers,	11.00	
Telephone toll call,	.85	
Record of partnership,	.50	
Found article recorded,	.25	
Church incorporation,	1.65	
Power of attorney,	.25	
Dog fees, (City's share, Ch. 102, R. L.),	522.60	
		$2,951.22
Total of licenses and fees returned to city treasury,		$10,636.22

OTHER FINANCIAL BUSINESS.

Dog fees collected and returned to County Treasurer (County's share, Ch. 102, R. L.),	$6,020.40
Hunters' licenses issued and returned to Commissioners on Fisheries and Game,	877.00
Non-resident hunters' licenses, ditto, (Chap. 614, Acts 1911),	1.00
Non-resident hunters' licenses, ditto, (Chap. 614, Acts 1911),	10.00
	$17,544.62

The growth of the business of the office is shown by a comparison of these figures with the figures of 1914. The total receipts over the counter (exclusive of receipts for shellfish commission) were $17,544.62, which is an increase of $1,518.29 over 1914. Inasmuch as the items of receipt are individually small, this indicates a considerable increase in the amount of work done by the clerical force in the handling

of the various additional items. The work has been accomplished without increase of office force, and with the same appropriation as in 1914.

VITAL STATISTICS.

The campaign for birth returns, which has been carefully followed for several years, with the slogan "Births must be reported," is beginning to bear good results. Physicians and midwives generally are co-operating splendidly and making their returns promptly.

At this writing the result of the canvass made by the Children's Bureau of the U. S. Department of Labor, under the direction of Miss J. S. Whitney, has not yet been published. Through the courtesy of Miss Julia C. Lathrop, chief of the Children's Bureau, I have been supplied with an advance estimate of the work done in New Bedford by the City Clerk's office as the office for the registration of vital statistics. In a communication, Miss Lathrop says:

"Miss Whitney speaks in the highest terms of the work of the registration office in New Bedford, as does Mr. Drown. Miss Whitney says:

" 'The general work of the registration office in New Bedford I consider excellent. The certificates are all excellently filed by a card index system, the originals are kept in fireproof cases, the employees who handle this part of the work are earnest and capable and the general atmosphere of the office is businesslike and progressive.' "

These words of commendation afford particular satisfaction inasmuch as they furnish the chance "to see ourselves as others see us." Miss Whitney has had opportunity, through long connection with the work engaged in by the Children's Bureau, to correctly estimate the comparative values of registration methods, and her tribute, as the result of her experience in New Bedford, is one of which to be proud. It shows that New Bedford is on the right track, at least. Several suggestions which Miss Whitney made, while in New Bedford, are being followed, greatly to the advantage of the service.

During the year 1915 there were recorded in the office of the city clerk, as registrar of births, marriages and deaths, the following:

Births,	3,724
Marriages,	1,227
Deaths,	1,923

Of the births reported, 129 were stillborn.

Using the Massachusetts state census figures (State census, 1915) the birth rate for 1915 was 32.80 per 1,000, a gain of six hundredths per cent.

Based on the same method of reckoning, the death rate for 1915 was 16.37 per 1,000, a decrease of sixteen hundredths per cent.

There were 115 less marriages recorded in 1915 than in 1914.

There were 104 less marriage intentions filed in 1915 than in 1914.

The 1915 birth canvass, which was very thoroughly made, reveals the fact that during the year 149 births which occurred were not in any way returned to the office of the registrar. While this is a slightly larger number of unreported births than appeared in the figures of 1914, the result seems quite satisfactory, when it is considered that the bulk of the increase in population is from a source where little attention is given to vital statistics, and through the ignorance of the newcomers as to the requirements of law, they are careless in the matter of returns for statistical purposes.

The following table shows the sources of the 1915 birth returns:

Reported by physicians,	2,537
Reported by midwives,	722
Reported at office by parents, etc.,	69
Reported by church records,	116
Reported from death returns,	131
Reported by canvassers, (not otherwise covered),	149
	3,724

The percentage of total births reported from various sources outside the canvass was 95.70 per cent., the canvass completing the remaining 4.30 per cent.

BIRTHS BY NATIONALITIES.

It is a matter of interest as to from what source comes New Bedford's increase in population by birth. The sources of increase by nationality are shown in the following table, by which it appears that the children born of Portuguese parents far out-number the children born of parents of other nationalities. The figures credited to the several nationalities indicate that both father and mother were of the nationality named. Where the father was of one nationity and the mother was of another, the figures appear under the caption "mixed." The table is of further interest as showing what a cosmopolitan city New Bedford really is.

TABLE SHOWING PARENTAGE OF CHILDREN BORN.

Portugal:		
Portugal,	286	
Azores Islands,	670	
Cape Verde Islands,	145	
Madeira Islands,	64	
		1165
United States,		711
Mixed,		700
Canada,		332
Great Britain:		
England,	207	
Ireland,	37	
		244
Austria,		225
Russia		197
Italy,		54
Syria,		34
Greece,		32
Germany,		8
France,		7
Sweden,		2
Norway,		2
Belgium,		2

Turkey,	2
Spain,	2
Brazil,	1
Dutch West Indies,	1
Arabia,	1
Egypt,	1
Asia Minor,	1
Total,	3724

In connection with the general subject of birth returns, a form of acknowledgement to parents of the receipt of the birth report has been adopted, with the idea that it will be of assistance in interesting the people in the matter of more full and more accurate returns. An engraved card, containing the essential facts relating to the birth, made out in the form of a memorandum, signed by the registrar, is sent to the parents of every child whose birth is recorded in the office. This card can be, and undoubtedly will be kept by the parents in most instances. When a birth certificate is desired, the card may be shown at the registrar's office, and will assist in the ready finding of the record.

MINOR LICENSES.

The issuing of minor licenses, under the law and ordinance delegating power to issue to the City Clerk, which has been in force for the past year, has worked very satisfactorily. The only hitch on the operation of the law has been the occasional delays in the receipt of reports from the police, when applications have been referred to the police department for investigation. I have been assured by those in charge of the police department that the recommendation which I have made yearly since 1911, that a police officer be specially detailed for the work, will be carried out. With this change in force, conditions should be improved.

In the matter of licenses and fees it may be worth while for the City Council to consider whether one or two sources of possible income should not be followed up. For instance,

in Boston and other cities, contractors who block the streets and passageways while constructing buildings (under the form of permit commonly known as building obstruction permits), pay into the city treasury small sums for the privilege which is granted to them by the Board of Aldermen or bodies having similar powers. In New Bedford, the custom has been to make no charge for this form of inconvenience to the public. It may be argued that the privileges secured by the permits are special privileges, and that there should be some recompense to the public for the inconvenience caused by the blocking of the streets. A small fee, sufficient to cover the expense of the clerical work of making out and recording the permits would not seem to be out of the way.

The same is true of permits for disturbing the surface of streets, by the public service corporations. It is theory that the streets disturbed are repaired and put into as good condition as before the disturbance, the cost of the repairs being met by the charge of the street department made by regulation of the board of aldermen. But this is mainly theory, inasmuch as when a disturbance of the surface is once made the surface can never be put back into as good condition as it was before the surface was disturbed. Whether or not it would be good policy to provide a fixed fee for every permit for disturbance is a matter which well might be considered. The cost of such fees would, of course, be borne by the patrons of the public service corporations, but this may seem more fair than to make the expense chargeable to the whole public, a part of which receives absolutely no benefit.

ELECTIONS.

During the year 1915 there were three regular elections (the joint primaries being counted as an election).

The results of the state and municipal elections are here given.

STATE ELECTION, NOV. 2, 1915.

GOVERNOR.

Nelson B. Clark, Progressive Party, Beverly,	89
Walter S. Hutchins, Socialist, Greenfield,	257
Samuel W. McCall, Republican, Winchester,	5,133
Peter O'Rourke, Socialist Labor, Medford,	53
William Shaw, Prohibition, Andover,	519
David I. Walsh, Democratic, Fitchburg,	4,664
Blanks and scattering,	137

LIEUTENANT GOVERNOR.

Edward P. Barry, Democratic, Boston,	4,078
Calvin Coolidge, Republican, Northampton,	5,535
Alfred H. Evans, Prohibition, Hadley,	397
James Hayes, Socialist Labor, Plymouth,	110
Chester R. Lawrence, Progressive Party, Citizens Nom. Paper, Boston,	72
Samuel P. Levenberg, Socialist, Boston,	271
Blanks and scattering,	389

SECRETARY.

Edwin A. Grosvenor, Democratic, Amherst,	3,660
Albert P. Langtry, Republican, Springfield,	5,773
Thomas J. Maher, Socialist Labor, Medford,	135
Marion E. Sproule, Socialist, Lowell,	320
Willard O. Wylie, Prohibition, Beverly,	356
Blanks and scattering,	608

TREASURER.

Henry L. Bowles, Democratic, Springfield,	3,577
Charles L. Burrill, Republican, Boston,	5,791
Charles E. Fenner, Socialist, Worcester,	342
William E. Marks, Prohibition, Worcester,	331
Jeremiah P. McNally, Socialist Labor, Salem,	146
Blanks and scattering,	665

AUDITOR.

Alonzo B. Cook, Republican, Boston,	5,716
James W. Holden, Socialist Labor, New Bedford,	489
Henry C. Iram, Socialist, Warwick,	356
Jacob C. Morse, Democratic, Brookline,	3,241
William G. Rogers, Prohibition, Wilbraham,	331
Blanks and scattering,	719

ATTORNEY-GENERAL.

Henry C. Atwill, Republican, Lynn,	5,850
Frank Auchter, Prohibition, Boston,	382
Joseph Joyce Donahue, Democratic, Medford,	3,436
John McCarthy, Socialist, Abington,	354
William Taylor, Socialist Labor, Worcester,	154
Blanks and scattering,	676

COUNCILLOR—FIRST DISTRICT.

Abraham Bloom, Socialist, Brockton,	1,161
David L. Parker, Republican, New Bedford,	8,075
Blanks and scattering,	1,616

SENATOR—THIRD BRISTOL DISTRICT.

Richard Knowles, Republican, New Bedford,	6,784
John E. McBride, Democratic, New Bedford	3,447
Blanks and scattering,	621

REPRESENTATIVES IN GENERAL COURT.

(Seventh Bristol District)

D. Herbert Cook, Republican, New Bedford,	2,851
Thomas Dibb, Republican Independent Nom. Paper, New Bedford,	1,431
George E. Lilley, Republican, New Bedford,	2,687
John T. Sloane, Democratic, New Bedford,	1,903
Blanks and scattering,	2,390

REPRESENTATIVES IN GENERAL COURT.

(Eighth Bristol District)

Joseph H. Fernandes, Republican Independent Nom. Paper, New Bedford,	1,624
John Halliwell, Republican, New Bedford,	2,793
Ward M. Parker, Republican, New Bedford,	2,532
Matthew Quinlan, Democratic, New Bedford,	1,346
Blanks and scattering,	2,147

COUNTY COMMISSIONER—BRISTOL COUNTY.

John I. Bryant, Republican, Fairhaven,	7,219
William H. Gifford, 3rd, Democratic, Westport,	2,918
Blanks and scattering,	715

COUNTY TREASURER—BRISTOL COUNTY.

Edgar L. Crossman, Republican, Taunton,	8,036
Blanks and scattering,	2,816

SHERIFF—BRISTOL COUNTY.

Edwin H. Evans, Republican, Taunton,	7,909
Blanks and scattering,	2,943

"Shall the proposed amendment to the constitution, empowering the general court to authorize the taking of land to relieve congestion of population and to provide homes for citizens be approved and ratified?"

Yes,	5,884
No,	2,797
Blanks,	2,171

"Shall the following proposed amendment to the constitution, enabling women to vote, be approved and ratified?

Article of Amendment.

Article three of the articles of amendment to the constitution of the commonwealth is hereby amended by striking out in the first line thereof the word "male."

Yes,	3,537
No,	6,396
Blanks,	919

"Shall the following proposed amendment to the constitution, relative to the taxation of incomes and the granting of reasonable exemptions, be approved and ratified?

Article of Amendment.

Full power and authority are hereby given and granted to the general court to impose and levy a tax on income in the manner hereinafter provided. Such tax may be at different rates upon income derived from different classes of property, but shall be levied at a uniform rate throughout the commonwealth upon incomes derived from the same class of property. The general court may tax income not derived from property at a lower rate than income derived from property, and may grant reasonable exemptions and abatements. Any class of property the income from which is taxed under the provisions of this article may be exempted from the imposition and levying of proportional and reasonable assessments, rates and taxes as at present authorized

by the constitution. This article shall not be construed to limit the power of the general court to impose and levy reasonable duties and excises."

Yes,	5,892
No,	2,485
Blanks,	2,475

Total number of names checked on the voting list,	10,851
Certificate issued by Registrars of Voters,	1
Whole number of ballots cast,	10,852
Whole number of ballots cast in Representative District, Seventh Bristol,	5,631
Whole number of ballots cast in Representative District, Eighth Bristol,	5,221

MUNICIPAL ELECTION, DECEMBER 7, 1915.

(As Amended by Recount)

MAYOR.

Charles S. Ashley, Citizens Party, 93 State St.,	6,253
Edward R. Hathaway, Fusion Party, 106 Brigham St.,	6,701
Blanks and scattering,	900

ALDERMAN, WARD ONE.

Samuel A. Goodfellow, Fusion Party, 198 Whitman St.,	6,808
William D. Hamel, Citizens Party, 119 Tallman St.,	5,772
Blanks and scattering,	1,274

ALDERMAN, WARD TWO.

Elzear H. Choquette, Fusion Party, 102 Mt. Pleasant St.,	6,393
Mortimer McCarty, Citizens Party, 87 Hazard St.,	6,099
Blanks and scattering,	1,362

ALDERMAN, WARD THREE.

John F. Hatch, Jr., Citizens Party, 899 Pleasant St.,	5,775
Edward O. Knowles, Fusion Party, 556 County St.,	6,740
Blanks and scattering,	1,339

ALDERMAN, WARD FOUR.

John H. Aindow, Fusion Party, 271 Palmer St.,	6,451
Clifton W. Bartlett, Citizens Party, 12 Orchard St.,	5,984
Blanks and scattering,	1,419

ALDERMAN, WARD FIVE.

Samuel E. Bentley, Fusion Party, 106 South St.,	6,856
Rossa Moriarty, Citizens Party, 302 Purchase St.,	5,743
Blanks and scattering,	1,255

ALDERMAN, WARD SIX.

Gilbert G. Southworth, Fusion Party, 694 Brock Ave.,	6,810
James H. Taylor, Citizens Party, 556 Brock Ave.,	5,551
Blanks and scattering,	1,493

ASSESSOR-AT-LARGE—THREE YEARS.

John Hannigan, Citizens Party, Fusion Party, 162 Butler St.,	10,639
Blanks and scattering,	3,215

SCHOOL COMMITTEE—THREE YEARS.

Joseph Eccleston, Independent, 9 Jenney Lind St.,	4,929
George Fred Lewis, Independent, 76 Walnut St.,	5,407
Edward W. Sherman, Public School Association, 61 Cottage St.,	6,301
Samuel F. Winsper, Public School Association, 226 Grinnell St.,	5,672
Blanks and scattering,	5,399

COMMON COUNCILMEN—WARD ONE.

Arthur A. Audette, Fusion Party, 1205 Acushnet Ave.,	1,630
Eugene E. Barthelemy, Citizens Party, 254 Tinkham Ave.,	1,107
Rodolphe J. Carrier, Citizens Party, 1220 Acushnet Ave.,	1,281
Albert Cassidy, Citizens Party, 78 Tallman St.,	1,025
James M. Hughes, Citizens Party, 162 Nash Rd.,	1,117
George D. Lacroix, Fusion Party, 119 Tallman St.,	1,627
John T. Sloane, Fusion Party, 433 No. Front St.,	1,464
Burgoyne Woolley, Fusion Party, 185 Whitman St.,	1,420
Blanks and scattering,	1,497

COMMON COUNCILMEN—WARD TWO.

Francis A. Bonneau, Citizens Party, 187 Austin St.,	820
James William Calverley, Fusion Party, 111 Clark St.,	868
James F. Collins, Citizens Party, 27 Trinity St.,	956
Edward T. Glennon, Fusion Party, 545 Cottage St.,	1,102
William A. Harrington, Citizens Party, 281 Summer St.,	814
John H. Hollihan, Fusion Party, 79 Richmond St.,	1,023
Simon F. Lynch, Independent, 188 Weld St.,	178
John Sykes, Independent, 19 Collins St.,	199
Fielding H. Walsh, Fusion Party, 2 Ashland Place,	902
Robert S. Weaver, Citizens Party, 168 Merrimac St.,	871
Blanks and scattering,	1,451

COMMON COUNCILMEN—WARD THREE.

George W. Auger, Fusion Party, 1155 Purchase St.,	554
Chester W. Chase, Citizens Party, 68 Hillman St.,	906
George T. Duckworth, Citizens Party, 57 Hill St.,	905
Nelson T. Fuller, Fusion Party, 126 Chestnut St.,	587
William E. Jennings, Fusion Party, 33 Parker St.,	767
Hubert S. Kelleher, Citizens Party, 1174 Purchase St.,	920
Frederick C. Luce, Fusion Party, 128 Campbell St.,	695
Edward L. Moriarty, Citizens Party, 387 Park St.,	889
Blanks and scattering,	1,177

COMMON COUNCILMEN—WARD FOUR.

Frederick J. J. Abrams, Citizens Party, 237 Middle St.,	845
Robert Burke, Citizens Party, 178 James St.,	827
Hugh Donaghy, Fusion Party, 218 Brownell St.,	814
Charles L. Fisher, Fusion Party, 371 Arnold St.,	889
W. Seymour Langshaw, Citizens Party, 152 Cottage St.,	848
Walter H. Peirce, Citizens Party, 304 Kempton St.,	942
Louis N. Schuler, Fusion Party, 198 Cottage St.,	841
George G. Sylvia, Fusion Party, 543 Union St.,	806
Blanks and scattering,	1,084

COMMON COUNCILMEN—WARD FIVE.

Murray F. Barrows, Citizens Party, 215 Hawthorn St.,	986
Harrison T. Borden, Citizens Party, 154 Fair St.,	1,019
Frederic T. Browne, Jr., Fusion Party, 131 Brownell St.,	821
William J. Francis, Citizens Party, 21 Crapo St.,	927
John McCullough, 3rd, Citizens Party, 38 So. Sixth St.,	1,015
Edwin L. Potter, Jr., Fusion Party, 94 South St.,	804
Abe Stuart, Independent, 236 Acushnet Ave.,	77
Thomas Thorley, Fusion Party, 467 Allen St.,	697
Warren A. Tripp, Fusion Party, 58 Park St.,	727
Blanks and scattering,	1,235

COMMON COUNCILMEN—WARD SIX.

William R. Benoit, Citizens Party, 73 Independent St.,	981
William Bond, Citizens Party, 104 Butler St.,	925
Frank J. Cambra, Fusion Party, 518 Rivet St.,	1,093
Edward DeMello, Citizens Party, 93 Sidney St.,	816
Joseph Gerrard, Citizens Party, 637 So. First St.,	883
William Joseph Harnish, Fusion Party, 15 Ruth Ave.,	1,292
George A. J. Lagasse, Fusion Party, 119 Ruth Ave.,	1,397
James O'Rourke, Fusion Party, 185 Division St.,	1,314
Blanks and scattering,	1,755

ASSISTANT ASSESSOR, WARD ONE.

Joseph Arsene Dionne, Citizens Party, Fusion Party,	2,405
Blanks and scattering,	637

ASSISTANT ASSESSOR, WARD TWO.

James H. Holden, Citizens Party, Fusion Party, 874 County St.,	1,799
Blanks and scattering,	497

ASSISTANT ASSESSOR, WARD THREE.

Frederick A. Washburn, Citizens Party, Fusion Party, 75 Kempton St.,	1,398
Blanks and scattering,	452

ASSISTANT ASSESSOR, WARD FOUR.

Roland C. Leonard, Citizens Party, Fusion Party, 26 Seventh St.,	1,545
Blanks and scattering,	430

ASSISTANT ASSESSOR, WARD FIVE.

Frederick D. Sowle, Citizens Party, 70 So. Sixth St.,	1,463
Blanks and scattering,	614

ASSISTANT ASSESSOR, WARD SIX.

Edward J. Devlin, Independent, 132 Purchase St.,	384
John B. Roberts, Fusion Party, 72 Delano St.,	1,272
William S. Williams, Citizens Party, 71 Rockland St.,	718
Blanks and scattering,	240

"Shall licenses be granted for the sale of intoxicating liquors in this city?"

Yes,	7,776
No,	4,537
Blanks and scattering,	1,541

Women,	666
Total number of names checked on voting lists—Men,	13,188
Total number of ballots cast,	13,854

Respectfully submitted,

W. H. B. REMINGTON,

City Clerk.

In Board of Aldermen,
Feb. 25, 1916.

Received, placed on file, ordered printed in the City Documents, and sent down for concurrence.

W. H. B. REMINGTON, City Clerk.

In Common Council,
Feb. 25, 1916.

Concurred.

CHARLES P. SAWYER, Clerk.

THE

Auditor's Annual Report

OF THE

Receipts and Expenditures

OF THE

CITY OF NEW BEDFORD

MASSACHUSETTS

For the Year

1915

NEW BEDFORD
THE A. E COFFIN PRESS
1916

THE CITY OF NEW BEDFORD.

OFFICE OF THE CITY AUDITOR.
JANUARY 25, 1917.

The Honorable City Council:

I respectfully submit herewith a report of the receipts and expenditures of the city of New Bedford for the financial year 1915, with a statement of the bonded debt and a schedule of the city property.

EDWARD L. CRONIN,
City Auditor.

APPROPRIATIONS, RECEIPTS AND EXPENDITURES, FINANCIAL YEAR 1915.

ACCOUNTS	Appropriations from the Revenue of 1915	Appropriations from the Proceeds of Bond Issues and Revenues of prior years	Cash Receipts and other Credits	Expenditures 1915
Bath houses	$ 2,500.00		$552.55	$2,305.41
Bath houses, sale			343.90	
Board of assessors	15,850.00			15,117.97
Board of health	105,000.00		16,089.98	111,459.62
Board of survey	125.00			68.43
Bonds, revenue account	463,863.36		847,379.84	626,316.73
Bonds, premium on			1,581.66	584.42
Bridges	10,000.00			11,860.23
Bridges, Acushnet river C 539-1912		$19,425.09		19,425.09
Bridges, Turner's pond		10,000.00		6,150.65
Cemetery board	15,000.00		15,180.15	31,585.93
Cemetery, 6 percent care fund			1,428.12	1,428.12
Cemeteries, sale of lots		1,285.66	6,625.00	6,181.87
City auditor	7,000.00			6,571.71
City clerk	14,500.00		11,288.22	14,364.00
City council	3,000.00			4,686.73
City forestry	4,000.00			5,538.68
City messenger	22,000.00			23,499.52
City property committee	3,500.00			2,621.94
City property sales			2,389.42	
City physician	550.00			550.00
City solicitor	4,500.00			4,454.17
City treasurer and collector	19,000.00		2,400.30	18,732.89
Claims, Committee on	500.00			382.75
Claims, Geo. T. Macomber				178.00
Clerk of committees	3,500.00			3,473.47
Court judgments		24,334.68		1,028.26
Cove road retaining wall		2,000.00		1,671.36
Dental clinic	2,000.00			2,036.20
Elections	8,000.00			5,563.56
Engineering department	20,500.00		1,085.81	20,483.71
Fire department	160,000.00		320.95	159,803.00
Fire equipment		4,150.00		4,150.00
Fire station		16,000.00		16,000.00
Harbor master	352.00			352.00
Highways	187,000.00		9,820.52	206,175.75
Highways, improvements		210,000.00	12,276.00	211,543.94
Highways, improvements, 1914		20,000.00		7,292.99
Highways, macadam		100,000.00		96,757.79
Inspector of animals	100.00			50.00
Inspector of buildings	8,000.00		38.00	8,033.10
Inspector of wires	11,000.00			10,999.89
Interest	357,448.64		29,897.82	443,137.25
Labor service registrar	700.00			528.08
Land damages		17,482.75		17,482.75
Land sale, old rifle range			1,259.68	
Licensing board	2,500.00		3,147.75	2,569.09
Liquor licenses			127,486.00	31,871.50
Mayor	8,000.00			7,652.47
Memorial day	1,100.00			1,096.66
Military aid	3,000.00		2,078.50	3,785.00
Militia and armories	1,300.00			1,289.45
Municipal building		4,435.27		4,435.27
New Bedford industrial school	45,000.00		19,352.07	44,980.04
New Bedford textile school	10,000.00			10,000.00
New Bedford water works			322,756.21	177,195.15
Notes, temporary loans			2,325,000.00	2,215,000.00
Park commission	30,000.00		302.14	29,897.59
Parks, walks and roads		1,941.03		859.26
Playgrounds	3,000.00			2,909.12
Police	190,000.00		5,229.55	199,452.11
Police signal system		2.44		97.44
Poor	125,000.00		28,809.33	149,369.02
Public library	25,000.00		1,252.57	26,289.60
Public library, dog fund			2,684.37	2,853.39
Public library, G. O. Crocker fund				408.34
Public library, Oliver Crocker fund				68.50
Public library, S. A. Howland fund				2,812.83
Public library, Kempton fund				12,047.54
Public schools, committee Howland fund				3,769.04
Public schools, committee Bourne prize fund				60.00
Public schools, dog fund			2,684.38	1,890.33
Public schools, incidentals	105,000.00		4,118.48	104,980.53
Public schools, pay of teachers	368,000.00			367,280.41
Public schools, repair of buildings	6,000.00			7,328.70
Public schools Katherine street school equipment		469.55		252.88
Public schools, high school, furnishings		95.89		95.89
Public schools, new portable schoolhouses		11,000.00		10,834.00
Refunds and duplications			4,365.61	
Registrars of voters	4,000.00			3,660.14
Sealer of weights and measures	2,000.00		970.01	2,003.60
Sewer assessments 1915			23,741.83	
Sewer construction, general account		49,728.20		60,170.87
Sewer construction, C. 131, 1911		6,245.64		5,614.27
Sewer construction, C. 76, 1912		2,353.79		2,353.79
Sewer construction, C 183, 1913		11,216.41		10,856.77
Sewer construction, loan 1914		1,748.37		1,311.34
Sewage disposal, C. 474, 1910		285,000.00		249,248.89
Sewers and drains	15,000.00		11,024.87	29,572.63
Sewer entry fees			550.00	
Shellfish commission				
Sinking funds	61,513.00			90,504.00
Sinking fund commissioners	450.00			448.00
Soldiers, burial of			450.00	900.00
Soldiers and sailors' graves	300.00			249.30
Soldiers relief	24,000.00			23,394.58
State aid			11,136.00	12,052.00
Street lighting	115,000.00			109,058.40
Street widening assessments			102,382.68	
Street widening sales			186.12	
Widening Purchase street		16,550.36		17,151.89
Widening Union street		7,306.48		9,010.73
Summons due collectors		4.00	602.00	564.00
Taxes, 1915, city			2,025,174.14	
Taxes, 1915, corporation			181,363.02	
Taxes, 1915, county			128,315.01	128,315.01
Taxes, 1915, state			237,420.00	237,420.00
Taxes, 1915, national bank			3,972.72	
Taxes, 1915, non-resident bank			46,065.05	46,065.05
Taxes, 1915, ship excise			8.33	
Taxes, 1914			212,660.05	
Taxes, 1913			1,238.51	
Taxes, 1912			113.26	
Unpaid warrants, prior years				
Vital statistics	2,500.00			2,414.95
Wharves, special account		786.00		786.00
Wharves, department			5,421.02	1,247.89
Totals	$2,597,152.00	$823,561.61	$6,802 019.50	$6,598,433.21
CITY TREASURER SPECIAL RECEIPTS AND DISBURSEMENTS:				
Cash discrepancies			70.71	111.91
Cemetery, perpetual care deposits			9,185.00	9,185.00
Department advances			493.38	493.38
Highway deposits			8,666.70	8,429.16
Kempton fund advances			11,859.15	10,015.00
Salary advances			14,770.73	14,881.44
Sewer deposits			13,011.20	11,526.20
Pay roll tailings				2.00
			$6,860,076.37	$6,653,077.30
Unpaid warrants			221,799.41	228,157.34
Cash			164,694.87	365,336.01
Totals			$7,246,570.65	$7,246,570.65

RECEIPTS

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
Taxes.			
1915. Property	$1,991,052.14		
Polls	34,122.00		
Corporations	148,454.89		
Street railways	20,120.90		
National bank from State	3,972.72		
Ships in foreign trade	8.33		
Prior Years. Property	199,447.82		
Polls	14,564.00		
Total	$2,411,742.80		$2,411,742.80
Licenses and Permits.			
LICENSES.			
Amusements	$428.00		
Auctioneers	80.00		
Billiards and bowling	1,675.00		
Firearms and gun powder	91.50		
Fruit pedlers	2.410.00		
Hacks and wagons	1,765.00		
Health	40.00		
Intelligence offices	24.00		
Itinerant venders	250.00		
Junk	530.50		
Liquor	95,614.50		
Milk, provisions and slaughter	229.50		
Pawnbrokers	450.00		
Petroleum	232.00		
Private detectives	20.00		
Sunday	1,890.00		
Victuallers	1,030.00		
PERMITS.			
Marriage	1,207.00		
Scallop	57.00		
Lunch cart	50.00		
Sausage	14.00		
Signs	194.00		
Garage	62.00		
Dry cleaning	4.00		
Total	$108,348.00		$108,348.00
Fines and Forfeits.			
Court fines	$4,833.30		
Total	$4,833.30		$4,833.30

RECEIPTS.

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
Grants and Gifts.			
Industrial school, from State	$15,017.62		
Bristol County, dog licenses	5,368.75		
Total	$20,386.37		$20,386.37
Special Assessments.			
Street widenings	$102,382.68		
Sewer construction		$23,741.83	
Total	$102,382.68	$23,741.83	$126,124.51
Privileges.			
Street railway excise tax	$12,787.23		
Total	$12,787.23		$12,787.23
Departmental.			
General Government.			
City clerk, fees	$1,744.22		
City property, sales		$2,389.42	
City collector, fees and costs	2,400.30		
Licensing board, fees	227.75		
Engineering department, sales	1,085.81		
Total	$5,458.08	$2,389.42	$7,847.50
Protection of Life and Property.			
Elevator inspection	$38.00		
Fire department, sales	282.00		
Fire department, service	38.95		
Rifle range, sale of land		$1,259.68	
Police, sales	18.25	95.00	
Police, jitney inspection	283.00		
City sealer, fees	970.01		
Total	$1,630.21	$1,354.68	$2,984.89
Health and Sanitation.			
Board of health, inspection	$50.60		
Board of health, reimbursements	15,769.88		
Sewers and drains, miscellaneous	10,747.52	$277.35	
Sewer entry fees	550.00		
Total	$27,118.00	$277.35	$27,395.35
Highways and Bridges.			
Sales and services	$9,415.89		
Highway construction		$12,276.00	
Street widening sales		186.12	
Bridge maintenance	404.63		
Total	$9,820.52	$12,462.12	$22,282.64

RECEIPTS.

SOURCES OF RECEIPTS.	Revenue for Expenses	Revenue for Outlays	Total
CHARITIES.			
Almshouse, sale of produce	$1,549.20		
Reimbursements from persons	2,219.32		
Reimbursements from cities and towns	7,206.32		
Reimbursements from State	17,834.49		
Total	$28,809.33		$28,809.33
SOLDIERS BENEFITS.			
Burial of soldiers	$450.00		
Military aid	2,078.50		
State aid	11,136.00		
Total	$13,664.50		$13,664.50
EDUCATION.			
Tuition, schools	$3,915.25		
Miscellaneous sales	203.23		
Industrial school, tuition	4,334.45		
Total	$8,452.93		$8,452.93
LIBRARIES.			
Fines	$1,109.00		
Sales	143.57		
Total	$1,252.57		$1,252.57
RECREATION.			
Bathing houses, fees	$552.55		
Bathing houses, sale of	343.90		
Park commission, rent	175.00		
Park commission, sales	127.14		
Total	$1,198.59		$1,198.59
Total Departmental			$113,888.30

RECEIPTS.

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
Public Service Enterprises.			
NEW BEDFORD WATER WORKS.			
Income from sale of water	$295,737.24		
Receipts from other sources	27,018.97		
Total	$322,756.21		$322,756.21
DEPARTMENT OF WHARVES.			
Wharfage	$2,487.01		
Dockage	1,164.51		
Rents	1,529.70		
Water	239.80		
Total	$5,421.02		$5,421.02
Total, Public Service Enterprises			$328,177.23
Cemeteries.			
Care of lots and graves	$15,180.15		
Sale of lots and graves		$6,625.00	
Total Cemeteries	$15,180.15	$6,625.00	$21,805.15
Interest.			
Perpetual care funds 6% Account	$1,604.10		
On Kempton fund	10,015.00		
On library funds	2,671.08		
On school funds	2,087.08		
On deferred taxes	4,482.89		
On bank deposits	8,094.10		
On assessments	943.57		
Total, Interest	$29,897.82		$29,897.82

RECEIPTS

SOURCES OF RECEIPTS.	Revenue for Expenses	Indebtedness	Total
Municipal Indebtedness.			
Temporary loan, revenue 1914		$175,000.00	
Temporary loan, revenue 1915		2,150,000.00	
Bridge bonds		31,425.09	
Highway extension bonds		41,817.43	
Highway improvement, bonds		230,000.00	
Highways, macadam, bonds		111,000.00	
Municipal building bonds		8,137.32	
Sewer construction, bonds		315,000.00	
Premium on bonds sold		1,581.66	
Unpaid warrants of current year		221,799.41	
Total Municipal Indebtedness		$3,285,760.91	$3,285,760.91

RECEIPTS.

SOURCES OF RECEIPTS		Temporary Accounts	Total
Sinking Funds.			
From sinking fund commissioners to pay bonds		$110,000.00	
Total		$110,000.00	$110,000.00
Agency and Trust Accounts.			
AGENCY.			
State tax		$236,340.00	
Grade crossing tax		1,080.00	
County tax		128,315.01	
Non-resident bank tax		46,065.05	
Liquor licenses for state		31,871.50	
TRUST.			
Cemetery 6% fund income		1,428.12	
Cash discrepancies		70.71	
Cemeteries, perpetual care deposits		9,185.00	
Highway deposits		8,666.70	
Sewer deposits		13,011.20	
Summons fees due collectors		602.00	
Department advances returned		493.38	
Salary advances returned		14,770.73	
Kempton fund advances returned		11,859.15	
Total		$503,758.55	$503,758.55
Refunds.			
Sundry departments		$205.97	
Street widening		2,100.00	
Accrued interest		2,059.64	
Total		$4,365.61	$4,365.61
Total cash receipts			$7,081,875.78
Cash.			
Cash at beginning of the year			164,694.87
Total			$7,246,570.65

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
DEPARTMENTAL.			
General Government.			
CITY COUNCIL.			
Salaries of aldermen	$600.00		
Salary clerk of common council	500.00		
Compensation of pages	201.00		
Advertising	1,078.11		
Carriage hire	366.50		
City council calendar	347.50		
City documents	926.58		
Committee expenses	47.50		
Plant decorations	81.17		
Printing and stationery	314.42		
Recording and filing plans	61.55		
Special services	152.50		
Miscellaneous charges	9.90		
Total	$4,686.73		$4,686.73
MAYOR.			
Salary of mayor	$5,000.00		
Salary of secretary to mayor	1,300.00		
Advertising	138.50		
Carriage hire	18.35		
Fixtures and furnishings	128.39		
Mileage	180.00		
Office expenses, miscellaneous	120.28		
Printing and stationery	159.67		
Telephone and telegraph charges	223.63		
Traveling expenses	383.65		
Total	$7,652.47		$7,652.47
AUDITOR.			
Salary of auditor	$2,500.00		
Salary of assistant	1,800.00		
Clerk hire	1,367.98		
Printing and stationery	718.44		
Office fixtures and expenses	84.47		
Surety bonds	50.00		
Telephones	50.82		
Total	$6,571.71		$6,571.71

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
TREASURER AND COLLECTOR.			
Salary of treasurer and collector	$3,500.00		
Clerk hire	10,730.13		
Driver for paymaster	132.00		
Carriage hire	1,101.25		
Legal financial opinions	376.95		
Office expenses	121.08		
Postage	1,074.50		
Printing and stationery	865.78		
Surety bonds	452.20		
Fixtures and furnishings	124.73		
Telephone and telegraph charges	145.71		
Traveling expenses	108.56		
Total	$18,732.89		$18,732.89
ASSESSORS.			
Salary of assessors (3)	$6,000.00		
Payrolls assisitants and clerks	7,076.29		
Advertising	94.78		
Carriage hire	282.00		
Furniture and fixtures	28.51		
Office and traveling expenses	205.71		
Printing and stationery	1,233.93		
Special services	90.00		
Telephone and telegraph charges	106.75		
Total	$15,117.97		$15,117.97
CITY CLERK.			
Salary of city clerk	$2,700.00		
Salary of assistant	1,500.00		
Clerk hire	6,821.05		
Adding machine	250.00		
Advertising	280.78		
Fixtures and furnishings	390.76		
License badges and plates	193.00		
Office and traveling expenses	206.23		
Postage, printing and stationery	1,514.42		
Posting notices	84.00		
Telephone and telegraph charges	149.26		
Typewriters and repairs	274.50		
Total	$14,364.00		$14,364.00

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
CLERK OF COMMITTEES.			
Salary clerk of committees	$1,500.00		
Stenographer and clerk	1,017.53		
Municipal manual	276.00		
Office expenses	108.58		
Printing, postage and stationery	232.01		
Telehone and telepgraph charges	182.85		
Typewriter exchange	156.50		
Total	$3,473.47		$3,473.47
CITY SOLICITOR.			
Salary of city solicitor	$2,500.00		
Expert service and witness fees	958.75		
Furniture and furnishings	118.76		
Office expenses	180.40		
Printing and stationery	75.14		
Telephone and telegraph charges	106.37		
Travelling expenses	465.25		
Typewriter exchange	49.50		
Total	$4,454.17		$4,454.17
CITY MESSENGER.			
Salary of city messenger	$500.00		
Pay rolls, municipal building	16,249.99		
Care of grounds and walks	73.15		
Decorating building	105.00		
Engine room charges	444.95		
Fuel	2,975.90		
Furniture and furnishings	95.82		
Hardware and tools	60.89		
Ice	252.05		
Janitor and toilet supplies	280.99		
Laundry	209.58		
Light and power, commercial	931.23		
Machinery repairs	363.77		
Miscellaneous supplies	23.59		
Printing and stationery	40.53		
Stock and labor, repairs	367.30		
Telephone and telegraph service	138.26		
Travelling and office expenses	41.31		
Water rates	345.21		
Total	$23,499.52		$23,499.52

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
ELECTIONS.			
Pay of precinct officers	$2,109.00		
Clerical services	35.46		
Janitors and watchmen	10.00		
Advertising	148.75		
Ballot boxes and repairs	161.45		
Carriage hire	304.00		
Polling places, maintenance	556.60		
Polling places, rent	825.00		
Postage, Printing and stationery	1,413.30		
Total	$5,563.56		$5,563.56
REGISTRAR OF VOTERS.			
Salaries of registrars (4)	$1.500.00		
Clerk hire	1,033.25		
Advertising	292.83		
Carriage hire	15 00		
Office expenses	52.24		
Printing and stationery	614.06		
Recount assistants	63.75		
Telephone charges	89.01		
Total	$3,660.14		$3,660.14
LICENSING BOARD.			
Salaries of board (3)	$1,488.74		
Clerk hire	780.00		
Advertising, printing and stationery	143.34		
Office expenses	88.09		
Telephone charges	68.92		
Total	$2,569.09		$2,569.09
ENGINEERING. (Civil)			
Salary of city engineer	$2,500.00		
Compensation of assistants	14,683.44		
Clerk hire	1,095.70		
Drawing instruments and supplies	681.83		
Furniture and furnishings	46.00		
Office supplies and expenses	137.37		
Printing and stationery	352.72		
Stock and labor, miscellaneous	115.25		
Telegraph and telephone charges	126.94		
Transportation	744.46		
Total	$20,483.71		$20,483.71

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
SUPERINTENDENT OF PUBLIC BUILDINGS AND INSPECTOR OF BUILDINGS.			
Salary of superintendent and inspector	$2,500.00		
Compensation of assistants	2,695.48		
Clerk hire	1,404.00		
Automobile maintenance	413.05		
Car tickets	120.00		
Furniture and furnishings	126.40		
Office and traveling expenses	87.66		
Printing and stationery	190.30		
Special services	394.18		
Telephone and telegraph charges	102.03		
Total	$8,033.10		$8,033.10
NEW MUNICIPAL BUILDING.			
Electric contractor award	$4,435.27		
Total	$4,435.27		$4,435.27
CITY PROPERTY COMMITTEE.			
Advertising	$85.89		
Committee expenses	213.87		
Municipal building elevator charges	480.00		
Municipal building, repairs	147.00		
Municipal lot, upkeep	200.74		
Police station, repairs,	490.00		
Skating pond, expenses	578.68		
Sewer assessments, street widenings	15.13		
Ward room repairs and maintenance	200.63		
Veteran fireman building repairs	210.00		
Total	$2,621.94		$2,621.94
Total, General Government			$145,919.74

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Protection of Life and Property.			
POLICE DEPARTMENT.			
Pay rolls, weekly department	$182,427.11		
Pay rolls, reserve police	9,164.64		
Pay rolls. quarantine police	3,730.89		
Keeper of lockup, salary	100.00		
Labor, women's lockup	471.75		
Disbursements by chief	306.68		
Fuel	1,041.61		
Furniture and furnishings	7.50		
Janitor supplies	316.32		
Laundry	119.43		
Lighting	1,003.70		
Meals for prisoners	96.48		
Miscellaneous charges	61.10		
Printing and stationery	273.33		
Repairs to stations	473.90		
Rents	225.04		
Signal system, maintenance of horses	47.53		
Signal system, motors maintenance	1,319.49		
Signal system, repairs	222.07		
Telegraph and telephone charges	761.60		
Uniform repairs, equipment and insignia	249.17		
Use of boat and motor cycle	605.50		
Water rates	158.16		
Total	$203,183.00		
Less service transfers	$3,730.89		
	$199,452.11		$199,452.11
POLICE SIGNAL SYSTEM.			
Repairs	$97.44		
Total	$97.44		
			$97.44
FIRE DEPARTMENT.			
Pay rolls	$137,239.08		
Protecting society	200.00		
Accident account	32.85		
Advertising, printing and stationery	499.67		
Commitee expenses and travel	317.59		
Equipment supply charges	1,105.57		
Fuel	2,331.69		
Furniture and furnishings	1,113.38		
Harness supplies and repairs	33.88		
Horse board and auto keep, engineers	595.97		
Horses maintenance	4,843.41		
Laundry	145.95		
Lighting	1,674.97		
Motor maintenance	2,349.62		

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
New equipment		$1,621.47	
Repair of apparatus	$448.51		
Repair of stations	2,487.11		
Signal system, charges	565.74		
Supplies, miscellaneous	1,331.03		
Telephone and telegraph charges	646.68		
Water rates	299.13		
Total	$158,261.83		
Less service transfers	80.30		
	$158,181.53	$1,621.47	$159,803.00
FIRE EQUIPMENT:			
New equipment		$4,150.00	
Total		$4,150.00	$4,150.00
FIRE STATION:			
Land for new station		$16,000.00	
Total		$16,000.00	$16,000.00
MILITIA.			
Committee expenses	$104.55		
Boat station expenses	11.77		
Expenses qualifying marksmen	1,173.13		
Total	$1,289.45		$1,289.45
INSPECTOR OF WIRES.			
Salary of inspector	$1,500.00		
Compensation of assistants	2,000.96		
Clerk hire	732.00		
Payrolls, police signal system	1,988.25		
Advertising, printing and stationery	529.79		
Office and traveling expenses	594.03	$87.00	
Police signal system	1,063.05	1,168.88	
Stock, supplies and labor	430.50		
Telephone and telegraph charges	139.93		
Transportation charges	270.50	495.00	
Total	$9,249.01	$1,750.88	$10,999.89
SEALER OF WEIGHTS AND MEASURES.			
Salary of sealer	$1,200.00		
Advertising, printing and stationery	69.87		
Office expenses	31.60		
Teaming	657.00		
Tools and seals	45.13		
Total	$2,003.60		$2,003.60

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
City Forestry.			
Pay rolls, salary of forester and labor..	$4,140.83		
Chemicals	6.80		
Labor and teaming.....	1,074.16		
Tools and repairs	311.64		
Miscellaneous expenses.....	5.25		
Total.....	$5,538.68		$5,538.68
Total, Protection of Life and Property			$399,334.17

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Health and Sanitation.			
BOARD OF HEALTH.			
Salaries of the board (3)	$1,500.00		
Clerk hire	1,624.08		
Agent	2,200.08		
Bacteriologists	1,000.08		
Department nurses, wages	1,827.25		
Health officers, salaries	2,200.32		
Medical inspectors, salaries	1,000.08		
Medical school inspectors	4,000.80		
Medical school employment inspector	800.00		
Milk and provision inspector, salary	1,200.00		
Milk collectors and fumigators, wages	1,056.00		
Oculist (part of year)	1,166.65		
Plumbing inspectors, salaries	3,115.40		
School nurses, wages	800.00		
Slaughter inspector, salary	505.30		
Advertising, printing and stationery	799.92		
Beach cleaning	22.50		
Carriage hire and car tickets	881.04		
Chemicals and medical supplies	599.26		
Garbage removal, contract	25,500.00		
Office supplies and expenses	151.08		
Telephone and telegraph charges	319.53		
Towboat charges, port physician	65.00		
Traveling expenses	343.51		
Vaccination fees	722.50		
Contagious diseases, compensation	1,300.47		
" " hospitals	1,814.49		
" " nurses	74.65		
" " other towns	1,404.44		
" " physicians	2,011.64		
" " quarantine police	3,730.89		
" " rents	75.20		
" " supplies	901.44		
Isolation hospital, furnishings	49.11		
" " nurses	966.79		
" " repairs	663.19		
" " supplies	2,080.84		
" " wages	1,383.97		
Tuberculosis, hospitals	34,838.19		
" nurses	81.00		
" other towns	1,059.62		
" rents	259.48		
" supplies	3,154.30		
" transportation	182.85		
Pest house, attendants	953.50		
" " burials	605.00		
" " supplies	469.18		
	111,460.62		
Less service transfers	1.00		
Total	$111,459.62		$111,459.62

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
INSPECTOR OF ANIMALS:			
Compensation of Inspector	$50.00		
Total	$50.00		$50.00
CITY PHYSICIAN.			
Salary of city physician	$550.00		
Total	$550.00		$550.00
DENTAL CLINIC.			
Attendant and care taker	$526.40		
Dentist services	1,113.00		
Equipment supplies	253.48	$112.50	
Office expenses	30.82		
Total	$1,923.70	$112.50	$2,036.20
VITAL STATISTICS.			
Advertising, printing and stationery	$223.71		
Birth and death returns	1,553.75		
Canvass by city clerk	637.49		
Total,	$2,414.95		$2,414.95
SEWERS AND DRAINS.			
Pay rolls, labor and teaming	$30.536.30		
Boiler insurance	216.08		
Brick, cement and pipe	12,383.21		
Castings and iron reinforcement	974.88		
Machines and repairs	702.02		
Miscellaneous supplies	595.93		
Motor maintenance	478.98		
Sewer rebates	50.00		
Stock and labor, highways	701.19		
Tools and repairs	859.68		
Water service	25.72		
	$47,523.99		
Less service transfers	17,951.36		
Total	$29,572.63		$29,572.63
SEWER CONSTRUCTION No. 1, 1914.			
Pay rolls, labor and teaming		$528.57	
Stock and labor, drains account		619.88	
Stock and labor, highways account		162.89	
Total		$1,311.34	$1,311.34

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
SEWER CONSTRUCTION, C. 76, 1912.			
Pay rolls, labor and teaming		$1,594.22	
Stock and labor, highways		217.48	
Stock and labor, water works		2.23	
Supplies, miscellaneous		539.86	
Total,		$2,353.79	$2,353.79
SEWER CONSTRUCTION, C. 183, 1913.			
Pay rolls, labor and teaming		$9,350.27	
Stock and labor, other city accounts		850.39	
Stock and labor, outside mechanics		56.64	
Supplies, miscellaneous		599.47	
Total		$10,856.77	$10,856.77
SEWER CONSTRUCTION, C. 131, 1911.			
Pay rolls, labor and teaming		3,461.95	
Stock and labor, other city accounts		1,678.70	
Supplies, miscellaneous		473.62	
Total		$5,614.27	$5,614.27
SEWER CONSTRUCTION, GENERAL ACCOUNT:			
Pay rolls, labor and teaming		$34,820.10	
Brick		32.20	
Cement		1,756.63	
Explosives		42.25	
Fuel		188.35	
Freight and carting		924.81	
Pipe and segment blocks		1,675.92	
Railroad work, train service		158.45	
Sand,		325.73	
Stock labor and teaming, highways		5,826.86	
Stock labor and teaming, drains		13,495.20	
Stock labor and teaming, water works		587.29	
Stock and labor, outside mechanics		58.19	
Stock sewage disposal		22.75	
Stock, highway improvement		119.50	
Stock, highways, macadam		835.37	
Supplies		358.47	
Timber		648.56	
Miscellaneous, charges		9.05	
		$61,885.68	
Less service transfers		1,714.81	
Total		$60,178.87	

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
SEWAGE DISPOSAL, C. 474, 1910.			
Pay rolls, engineering and inspection		$15,407.67	
Pay rolls, labor and teaming		133,565.66	
Accident account		324.75	
Advertising, printing and stationery		118.75	
Brick		454.40	
Castings		2,346.57	
Cement		11,601.79	
Contractor, J. W. Bishop Co.		6,711.28	
Contractor, Wood Boiler Works		5,295.46	
Contractor, F. E. Earle Co.		415.00	
Damages repaired		146.44	
Divers and tenders		250.20	
Electrical contractor		2,246.83	
Electric light and power		2,644.02	
Explosives		1,708.56	
Freight and carting		650.28	
Fuel		1,505.41	
Hardware and tools		1,852.24	
Hydraulic press		487.00	
Iron reinforcement		2,215.83	
Machinery, new		1,008.51	
Machinery, use of		766.00	
Pumps and equipment		2,070.25	
Rent of land		72.50	
Sand and gravel		12,348.00	
Sewer forms, use of		665.00	
Sewer pipe and segment blocks		3,940.45	
Sluice gates		215.00	
Stone, broken		1,829.19	
Stock, labor and teaming			
Other municipal accounts		24,419.91	
Stock and labor, outside mechanics		5,377.93	
Supplies, miscellaneous		1,298.83	
Telephone and telegraph charges		179.34	
Timber and lumber		6,551.35	
Transportation		299.00	
		$250,989.40	
Less service transfers		1,740.51	
Total		$249,248.89	$249,248.89
Total, Health and Sanitation			$475,639.33

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Highways and Bridges.			
HIGHWAYS.			
Pay rolls, salaries and office	$8,340.20		
Pay rolls, labor and teaming	196,825.48		
Accident account	2,681.07		
Advertising, printing and stationery	997.59		
Automobile and motor maintenance	7,598.06	$485.00	
Carpenter shop supplies	1,116.92		
Curbing and paving, repairs	1,976.00		
Crusher stone	6,251.39		
Crusher, supplies and repairs	1,422.49		
Dust prevention, supplies	14,929.09		
Freight and express	1,260.84		
Fuel	1,631.75		
Hardware and tools	3,494.89		
Land rent	162.50		
Light and power, commercial	1,210.04		
Machine shop supplies	842.11		
Miscellaneous supplies	1,794.10	5,187.00	
New machinery and equipment			
Office expenses	1,033.76		
Paint shop supplies	504.89		
Pension account	1,099.28		
Road roller repairs and supplies	1,139.97		
Sand	1,461.65		
Teaming supplies	8,596.89		
Stock and labor, miscellaneous	1,515.38		
Stock and labor macadam account	16,533.59		
Stock and labor, Purchase street widening account	2,404.85		
Stock and labor, drain account	165.23		
Stock, highway improvement account	1,014.96		
Water	1,303.61		
	$289,308.58		
Less service transfers	88,804.83		
Total	$200,503.75	$5,672.00	$206,175.75
HIGHWAYS, PERMANENT IMPROVEMENT 1915:			
Pay rolls, labor and teaming		$89,163.04	
Asphalt		2,090.50	
Cement		10,274.12	
Crushed stone		545.67	
Curbing		7,108.61	
Endurlie paving, contractor		638.45	
Expert services		201.00	
Franklin wood blocks		14,674.02	
Fuel		763.93	
Freight and carting		192.15	
Granite blocks		22,747.66	
Granolithic walks, contractor		10,605.87	
Hardware and tools		584.04	

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Lumber		$175,98	
Sand		6,455.47	
Stevens wood blocks		11,650.44	
Stock, labor and teaming, other municipal account		45,822.70	
Stock and labor, outside mechanics		164.63	
Use of concrete mixer		246.00	
Supplies, miscellaneous		282.93	
		$224,387.21	
Less service transfers		12,843.27	
Total		$211,543.94	$211,543.94
HIGHWAYS, IMPROVEMENTS, 1914:			
Endurite paving, contractor		$4,109.53	
Hassam paving, contractor		3,183.46	
Total		$7,292.99	$7,292.99
HIGHWAYS, MACADAM.			
Pay rolls, labor and teaming		$36,798.61	
Asphalt		9,421.18	
Crushed stone		12,465.12	
Crusher stone		21,239.08	
Fuel		2,306.09	
Hardware and tools		267.58	
Land rent		512.50	
Lumber		118.03	
Machines repairs and maintenance		5,884.33	
Sand		894.32	
Stock, labor and teaming, other municipal accounts		26,110.11	
Tarvia		9,560.16	
Miscellaneous charges		341.57	
		$125,918.68	
Less service transfers		29,160.89	
Total		$96,757.79	$96,757.79
BRIDGES.			
Pay rolls	$8,094.78		
Conduits	172.45		
Electric light and power	415.57		
Lumber	1,545.20		
Repairs	664.94		
Stock and labor	21.33		
Stock, labor and teaming, highways	564.20		
Supplies, miscellaneous	332.28		
Telephones	49.48		
Total	$11,860.23		$11,860.23

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
TURNER'S POND BRIDGE:			
Pay rolls, labor		$4,418.80	
Cement, gravel, sand and crushed stone		597.32	
Miscellaneous charges,		146.05	
Stock, labor and teaming, other city accounts		794.57	
Timber and lumber		193.91	
Total		$6,150.65	$6,150.65
COVE ROAD RETAINING WALL:			
Pay rolls, labor		$627.34	
Crushed stone		1,041.00	
Teaming, highways account		3.02	
Total		$1,671.36	$1,671.36
WIDENING PURCHASE STREET.			
Pay rolls, labor and teaming		3,228.73	
Cement and sand		1,123.81	
Franklin wood paving blocks		5,305.29	
Hardware and tools		243.38	
Stock and labor, other city accounts		9,529.54	
Miscellaneous charges		125.99	
		$19,556.74	
Less service transfers		$ 2,404.85	
Total		$17,151.89	$17,151.89
WIDENING UNION STREET.			
Pay rolls, labor and teaming		$2,376.35	
Cement and sand		613.70	
Granite paving blocks		2,618.00	
Hardware and tools		22.90	
Stock and labor, other city accounts		3,736.62	
		$9,367.57	
Less service transfers		356.84	
Total		$9,010.73	$9,010.73
ACUSHNET RIVER BRIDGE:			
County Assessment, C539–1912		$19,425.09	
Total		$19,425.09	$19,425.09

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
LAND DAMAGES.			
(HIGHWAY EXTENSION 1915):			
Arlington street		$5,236.50	
Concord street		5,425.85	
Elm street		1,148.00	
Mt. Vernon street		175.00	
Spring street		1,945.00	
Wood street		3,525.40	
Total		$17,482.75	$17,482.75
STREET LIGHTING.			
Committee expenses	$269.71		
Electric lighting	63,118.85		
Gas lighting	42,055.86		
Lighting clock tower	200.00		
Moving posts and lamps	79.95		
Naphtha lighting	3,334.03		
Total	$109,058.40		$109,058.40
HARBOR MASTER.			
Salary of harbor master	$300.00		
Use of boat	52.00		
Total	$352.00		$352.00
BOARD OF SURVEY.			
Advertising, printing and stationery	$68.43		
Total	$68.43		$68.43
Total, Highways and Bridges			$714,002.00

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Charities.			
POOR DEPARTMENT.			
Salaries, overseers and secretary	$2,693.66		
Salaries, clerks and visitors	3,634.60		
Office expenses	1,030.98		
Almshouse, salaries and wages	14,192.28		
Almshouse, maintenance charges	26,038.62		
Outside relief, burials	2,721.00		
" " cash	22,787.00		
" " clothing and furnishings	1,586.39		
" " fuel	6,342.34		
" " homes	1,240.40		
" " hospitals	9,907.91		
" " other towns	3,082.74		
" " physicians and medicines	5,084.49		
" " provisions	47,020.13		
" " state charges	2,036.56		
" " transportation	1,120.97		
	$150,520.07		
Less service transfers	1,151.05		
Total	$149,369.02		
Total, Charities			$149,369.02

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Soldiers Benefits.			
BURIAL OF SOLDIERS.			
Burial agents	$36.00		
Undertakers	864.00		
Total	$900.00		$900.00
MILITARY AID.			
Cash disbursements	$3,785.00		
Total	$3,785.00		$3,785.00
SOLDIERS RELIEF.			
Salary of agent	$936.00		
Salaries of physicians	960.00		
Cash disbursements	10,865.00		
Fuel	2,126.48		
Medical attendance and supplies	770.89		
Office expenses	138.05		
Provisions	7,532.50		
Telegrams and telephones	65.66		
Total	$23,394.58		$23,394.58
STATE AID.			
Cash disbursements	$12,052.00		
Total	$12,052.00		$12,052.00
Total, Soldiers Benefits			$40,131.58

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Education.			
PUBLIC SCHOOLS, PAY OF TEACHERS.			
Pay rolls, day schools	$357,638.91		
Pay rolls, evening schools	9,641.50		
Total	$367,280.41		$367,280.41
PUBLIC SCHOOLS, INCIDENTALS.			
Salary of superintendent	$ 4,000.00		
All other salaries and wages	53,603.76		
Book and stationery supplies	13,245.50		
Cooking school supplies	512.31		
County training school	339.34		
Engine room supplies	165.22		
Express, freight and carting	309.62		
Fuel	19,252.52		
Hardware and tools	175.32		
Janitor supplies	1,883.45		
Labratory supplies and equipment	326.55		
Lighting and electric power	1,989.53		
Manual training school supplies	412.96		
New furnishings		$1,638.27	
Printing and advertising	1,301.00		
Telegrams and telephones	309.37		
Transportation	770.00		
Water service	3,700.17		
Miscellaneous supplies and service	1,045.64		
Total	$103,342.26	$1,638.27	$104,980.53
PUBLIC SCHOOLS, REPAIRS OF BUILDINGS.			
Care of grounds	$304.05		
Carpentry	147.40		
Electric repairs and supplies	384.11		
Granolithic sidewalks	393.44		
Hardware	164.50		
Heating and lighting, repairs and supplies	1,686.91		
Lumber	114.49		
Mason work	551.85		
Metal ceiling	418.60		
Painting and glazing	1,865.78		
Plumbing	411.00		
Roofing repairs	418.15		
Stock, labor and teaming, other city departments	195.02		
Supplies and service, miscellaneous	274.73		
	$7,330.03		
Less service transfers	1.33		
Total	$7,328.70		$7,328.70

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
PUBLIC SCHOOLS, DOG FUND			
Automobile maintenance	$336.43		
Books, maps and models	124.71		
Carting books	258.00		
Flags, poles and repairs	144.45		
Mileage and car tickets	115.00		
Music	173.34		
New furnishings	22.50		
School census charges	132.40		
Supplies and service, miscellaneous	416.42		
Traveling expenses	167.08		
Total	$1,890.33		$1,890.33
PUBLIC SCHOOLS, S. A. HOWLAND FUND.			
Art objects	$389.95		
Books and periodical	1,069.12		
Lectures	50.00		
Musical instruments and supplies	247.17	$124.00	
Reflectoscope and equipment	46.00	207.80	
Typewriters		1,635.00	
Total	$1,802.24	$1,966.80	$3,769.04
PUBLIC SCHOOLS, BOURNE PRIZE FUND.			
Cash prizes for essays	$60.00		
Total	$60.00		$60.00
KATHERINE STREET SCHOOL, FURNISHINGS:			
Fire extinguishers	$48.00		
Reflectoscope	1.08	$203.80	
Total	$49.08	$203.80	$252.88
NEW HIGH SCHOOL, FURNISHINGS.			
New furniture and furnishings	$95.89		
Total	$95.89		$95.89
NEW PORTABLE SCHOOL HOUSES.			
Portable school buildings		$10,834.00	
Total		$10,834.00	$10,834.00

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
NEW BEDFORD INDUSTRIAL SCHOOL.			
Pay rolls, salaries and wages	$25,945.67		
Compensation of pupil care takers	600.04		
Advertising, printing and stationery	957.91		
Auto hire	38.00		
Carpenter shop, tools and supplies	137.16		
Chemical and electrical supplies	1,138.69		
Equipment, furniture and furnishings		$4,802.08	
Express, freight and carting	178.83		
Fuel	1,509.68		
Grocery supplies	278.73		
Hardware, tools, iron and steel	1,213.21		
Insurance	88.00		
Janitor supplies	80.35		
Lighting and electric power	506.03		
Lumber	1,728.82		
Machine shop, tools and supplies	804.94		
Mileage	74.25		
Miscellaneous supplies and service	395.84		
Painting and glazing	96.31		
Postage	106.00		
Rent	2,750.00		
Steam department supplies and tools	309.34		
Stock and labor, outside mechanics	969.67		
Stock and labor, other city departments	27.82		
Telephone and telegraph charges	89.40		
Water service	171.77		
	$40,196.46		
Less service transfers	18.50		
Total	$40,177.96	$4,802.08	$44,980.04
NEW BEDFORD TEXTILE SCHOOL.			
Trustees, New Bedford textile school	$10,000.00		
Total	$10,000.00		$10,000.00
Total, Education			$551,471.82

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Libraries.			
FREE PUBLIC LIBRARY.			
Salaries and wages	$23,856.90		
Car tickets	60.00		
Carting, freight and expenses	122.91		
Furniture, furnishings and repairs	354.41	$203.29	
Insurance, personal property	201.60		
Laundry	35.82		
Lighting and heating	519.22		
Printing, advertising and stationery	368.17		
Supplies, miscellaneous	379.53		
Telephones and tolls	48.19		
Traveling expenses	13.23		
Water rates	126.33		
Total	$26,086.31	$203.29	$26,289.60
LIBRARY, DOG FUND.			
Salaries and wages	$2,534.37		
Miscellaneous charges	319.02		
Total	$2,853.39		$2,853.39
LIBRARY, S. A. HOWLAND FUND.			
Art exhibitions	$52.50		
Books	969.18		
Lectures	847.70		
Newspapers and periodicals	220.93		
Printing and binding	722.52		
Total	$2,812.83		$2,812.83
LIBRARY, KEMPTON FUND.			
Art objects	$244.47		
Books, newspapers and periodicals	8,267.68		
New furniture		$760.00	
Printing and binding	2,606.92		
Research work	168.47		
Total	$11,287.54	$760.00	$12,047.54
LIBRARY, G. O. CROCKER FUND.			
Pay rolls, salaries and wages	$387.25		
Miscellaneous supplies	21.09		
Total	$408.34		$408.34
LIBRARY, OLIVER CROCKER FUND.			
Pay rolls salaries and wages	$58.35		
Miscellaneous supplies and service	10.15		
Total	$68.50		68.50
Total, Libraries			$44,480.20

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Recreation.			
PARK COMMISSION.			
Pay rolls, labor and superintendence	$20,692.04		
Advertising and printing	286.86		
Animal supplies	1,496.97		
Athletic fixtures	284.91		
Bears	150.00		
Building and fixtures, repairs	361.67		
Care Triangle Park	50.00		
Carriage and auto hire and car tickets	177.52		
Flags poles and repairs	133.05		
Fountain repairs	110.89		
Freight and carting	49.51		
Fuel	194.87		
Hardware and tools	163.84		
Land rent for greenhouses	240.00		
Lighting	585.95		
Loam and filling	50.62		
Lumber	82.06		
Office supplies and furnishings	205.71	$70.00	
Plants, seeds and shrubs	185.98		
Sewer assessments	1,864.76		
Supplies, miscellaneous	334.53		
Teaming	625.76		
Telephones and telegrams	186.61		
Water service	1,376.73		
	$29,890.84		
Less service transfers	63.25		
Total	$29,827.59	$70.00	$29,897.59
PARKS, STREETS AND WALKS.			
Pay rolls, labor		$56.25	
Lighting	$106.10		
Posts and cables		497.77	
Stock, other municipal accounts		199.14	
Total	$106.10	$753.16	$859.26
PLAYGROUNDS.			
Pay rolls, attendants	$2,500.64		
Carting and car hire	76.76		
Iron gate		$97.00	
Miscellaneous supplies, service and repairs	148.75		
Sand	62.68		
Water service	23.29		
Total	$2,812.12	$97.00	$2,909.12

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
BATHING HOUSES.			
Pay rolls, attendants	$965.50		
Advertising, printing and stationery	55.22		
Committee expenses	119.75		
Hardware and tools	26.17		
Labor, cleaning beach	76.00		
Land rent, beach	400.00		
Laundry	356.62		
Lighting	8.99		
Stock and labor, fitting	248.55		
Supplies, miscellaneous	30.43		
Telephones	18.18		
Total	$2,305.41		$2,305.41
Total, Recreation,			$35,971.38

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Unclassified.			
COMMITTEE ON CLAIMS.			
Payments in settlement of claims for damages	$382.75		
Total	$382.75		$382.75
COURT JUDGMENTS.			
Executions for land damages		$486.25	
Execution for personal damages	$542.01		
Total	$542.01	$486.25	$1,028.26
LABOR REGISTRAR, CIVIL SERVICE.			
Compensation of registrar	$365.74		
Express charges	6.55		
Furniture and furnishings	.85	$104.15	
Postage	14.50		
Printing and stationery	36.29		
Total	$423.93	$104.15	$528.08
MEMORIAL DAY.			
Advertising and printing	$87.20		
Flowers and flag decorations	319.00		
Miscellaneous charges	95.96		
Music	355.00		
Transportation	239.50		
Total	$1,096.66		$1,096.66
PREMIUMS ON BONDS.			
Legal opinions	$370.00		
Mileage	22.50		
Printing	191.92		
Total	$584.42		$584.42
GEORGE T. MACOMBER, CLAIM.			
Award for personal injuries	$178.00		
Total	$178.00		$178.00
Total, Unclassified			$3,798.17

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Public Service Enterprises.			
NEW BEDFORD WATER WORKS.			
Salaries, superintendent and office	$22,859.26		
Other salaries and wages	70,395.96	$22,989.30	
Extensions and equipment		75,740.84	
Interest			
Miscellaneous maintenance	6,392.37		
Rebates	678.56		
Sinking funds			
	$100,326.15		
Less service transfers	21,861.14		
Total	$78,465.01	$98,730.14	$177,195.15
DEPARTMENT OF WHARVES.			
Fees	$439.42		
Advertising	53.64		
Committee expenses	3.00		
Lighting	6.50		
Moving building	216.48		
Pension account	242.38		
Repairs	258.32		
Supplies	7.39		
Water	20.76		
Total	$1,247.89		$1,247.89
WHARF REPAIRS. SPECIAL.			
Repairs to wharves	$786.00		
Total	$786.00		$786.00
Total, Public Service Enterprises	.....	.....	$179,229.04

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Cemeteries.			
CEMETERY BOARD.			
Pay rolls, labor and teaming	$25,195.03		
Salaries and wages, supervision	2,244.00		
Advertising, printing and stationery	209.97		
Fuel	320.90		
Ground keeping supplies	1,045.60		
Hardware, tools and fittings	226.09		
Horse and motor maintenance	257.39		
Insurance	44.00		
Local car tickets	120.00		
Office expenses	187.92		
Road machinery, repairs	27.75		
Sewer assessments	295.43		
Stock and labor, repairs	228.80		
Supplies, miscellaneous	842.35		
Telephones	179.61		
Tool house		$212.89	
Water supply	197.50		
	$31,622.34		
Less service transfers	249.30		
Total	$31,373.04	$212.89	$31,585.93
CEMETERIES, SALE OF LOTS.			
Pay rolls, labor		$5,282.15	
Other improvement expenses		899.72	
Total		$6,181.87	$6,181.87
SOLDIERS AND SAILORS GRAVES.			
Care of graves	$249.30		
Total	$249.30		$249.30
Total, Cemeteries			$38,017.10

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Administration of Invested Funds.			
SINKING FUND COMMISSIONERS.			
Salary of treasurer	$300.00		
Other expenses	148.00		
Total	$448.00		$448.00
Total, Administration of Invested Funds			$448.00

OBJECTS OF PAYMENTS	Expenses	Indebtedness	Total
Interest.			
On Bourne prize fund	$ 20.00		
On Cemetery perpetual care fund	1,604.10		
On bonded debt	328,619.02		
On bonded water debt	75,300.00		
On bonded wharf debt	1,660.00		
On temporary loans	35,934.13		
Total	$443,137.25		$443,137.25
Municipal Indebtedness.			
Bonds paid from water income	$21,000.00		
" " " sinking funds	110,000.00		
" " " assessments	27,000.00		
" " " taxes	451,866.12		
" " " premiums	16,450.61		
Temporary loans taxes, 1914		175,000.00	
" " " 1915		1,900,000.00	
" " " (Sewers C.474 1910)		100,000.00	
" " " (High. improvem't)		20,000.00	
" " " (High. macadam)		20,000.00	
	$626,316.73	$2,215,000.00	
Unpaid warrants of prior years		$228,157.34	
Total	$626,316.73	$2,443,157.34	$3,069,474.07
Total, Interest and Indebtedness			$3,512,611.32

PAYMENTS.

OBJECTS OF PAYMENTS.	From Revenue	Temporary Account	Total
Sinking Funds.			
Appropriation from revenue paid to sinking fund commissioners	$61,513.00		
Total	$61,513.00		
Appropriation from water income	27,930.00		
" " wharf	1,061.00		
Total, Sinking Funds			$90,504.00
Agency, Trust and Investment.			
AGENCY.			
County taxes		$128,315.01	
State taxes		237,420.00	
Non-resident bank taxes		46,065.05	
Liquor licenses for State		31,871.50	
TRUST.			
Cash discrepancies		111.91	
Cemetery perpetual care deposits		9,185.00	
Cemetery 6% fund income		1,428.12	
Department advances		493.38	
Highway deposits		8,429.16	
Summons fees due collectors		564.00	
Salary advances		14,881.44	
Sewer deposits		11,526.20	
Kempton fund income		10,015.00	
Pay rolls, tailings		2.00	
Total, Agency, Trust and Investment		$500,307.77	$500,307.77
Cash at the end of the year			365,336.01
Total			$7,246,570.65

SUMMARY.

CLASSIFICATION	Revenue for Expenses	Revenue for Other Purposes	Expenses	Outlays and Other Expenses
Taxes	$2,411,742.80			
Licenses and permits	108,348.00			
Fines and forfeits	4,833.30			
Grants and gifts	20,386.37			
Special assessments	102,382.68	$ 23,741.83		
Privileges	12,787.23			
General government	5,458.08	2,389.42	$145,919.74	
Protection of life and property	1,630.21	1,354.68	375,811.82	$23,522.35
Health and sanitation	27,118.00	277.35	145,970.90	329,668.43
Highways and bridges	9,820.52	12,462.12	321,842.81	392,159.19
Charities	28,809.33		149,369.02	
Soldiers benefits	13,064.50		40,131.58	
Education	8,452.93		532,026.87	19,444.95
Libraries	1,252.57		43,516.91	963.29
Recreation	1,198.59		35,051.22	920.16
Unclassified			3,207.77	590.40
Public service enterprises	328,177.23		80,498.90	98,730.14
Cemeteries	15,180.15	6,625.00	31,622.34	6,394.76
Administration of invested funds			448.00	
Interest	29,897.82		443,137.25	
Municipal indebtedness		3,285,760.91	626,316.73	2,443,157.34
Sinking funds		110,000.00	90,504.00	
Agency, trust and investment		503,758.55		500,307.77
Refunds		4,365.61		
Totals	$3,131,140.31	$3,950,735.47	$3,065,375.86	$3,815,858.78

Revenue for expenses	$3,131,140.31	Current expenses	$3,065,375.86
Revenue for other purposes	3,950,735.47	Outlays and other objects	3,815,858.78
Total receipts	$7,081,875.78	Total expenditures	$6,881,234.64
Cash at beginning of the year	164,694.87	Cash at end of year	365,336.01
	$7,246,570.65		$7,246,570.65

STATEMENT OF THE BONDED DEBT AND SINKING FUNDS OF THE CITY OF NEW BEDFORD, DECEMBER 4, 1915.

LOANS	Date	Interest Rate	Interest Payable	How Payable	When Due	Amount Outstanding	Sinking Funds	Net Debt
Water Supply	Apr. 1, 1888	4	Oct. Apr.	From Sinking Fund	April 1, 1918	$20,000.00	$20,000.00	
Further Water Supply	May 11, 1894	4	Oct. Apr.	" " "	April 1, 1924	120,000.00	84,365.26	$35,634.74
" " "	Dec. 15, 1894	4	Apr. Oct.	" " "	Dec. 15, 1924	200,000.00		
" " "	Apr. 1, 1896	4	Oct. Apr.	" " "	Apr. 1, 1926	400,000.00	719,483.56	480,516.44
" " "	Jan. 1, 1897	4	July Jan.	" " "	Jan. 1, 1927	600,000.00		
" " "	June 1, 1900	3½	Dec. June	" " "	June 1, 1930	48,000.00	25,158.47	22,841.53
Duplicate Water Supply Main	June 1, 1910	4	Dec. June	From Water Rates	June 1, (1)	125,000.00		125,000.00
" " "	Sept. 1, 1910	4	Mar. Sept.	" " "	Sept. 1, 1916 (2)	75,000.00		75,000.00
Water Works, C. 65, 1911	May 1, 1911	4	Oct. Apr.	" " "	May 1, (1)	130,000.00		130,000.00
" " C. 75, 1912	May 1, 1912	4	Nov. May	" " "	May 1, (5)	142,000.00		142,000.00
Highway Improvements	Mar. 1, 1884	6		From Taxes	Nov. 1, 1894	1,000.00		1,000.00
" "	Dec. 16, 1907	5	June Dec.	From Sinking Funds	Dec. 16, 1917	15,000.00	12,302.46	2,697.54
" "	Nov. 1, 1908	4	May Nov.	" " "	May 1, (9)	3,000.00		3,000.00
" "	July 1, 1910	4	Jan. July	" " "	July 1, 1920	50,000.00	27,471.71	22,528.29
" "	Oct. 1, 1911	4	Apr. Oct.	From Taxes	Oct. 1, (9)	6,000.00		6,000.00
" "	Mar. 1, 1912	4	Sept. Mar.	" "	Mar. 1, (13)	105,000.00		105,000.00
" "	Apr. 1, 1914	4	Oct. Apr.	" "	April 1, 1915 (24)	52,000.00		52,000.00
Highways, Improvement, No. 3, 1914	Apr. 1, 1914	4	Oct. Apr.	" "	April 1, 1920 (27)	60,000.00		60,000.00
Highways, Permanent Improvement, Loan No. 1, 1915	Oct. 1, 1914	4	Apr. Oct.	" "	Oct. 1, 1924 (11)	18,000.00		18,000.00
" " " " No. 2, 1915	Mar. 1, 1915	4	Mar. Sept.	" "	Mar. 1, 1925 (27)	120,000.00		120,000.00
" " " " No. 3, 1915	July 1, 1915	4	Jan. July	" "	July 1, 1925 (32)	60,000.00		60,000.00
Highways, Extension Loan, No. 1, 1914	Oct. 1, 1915	4	Apr. Oct.	" "	Oct. 1, 1925 (25)	30,000.00		30,000.00
" " " No. 1, 1914	Oct. 1, 1914	4	Apr. Oct.	" "	Oct. 1, 1916 (2)	9,000.00		9,000.00
" " " No. 1, 1915	Oct. 1, 1914	4	Apr. Oct.	" "	O t. 1, 1919 (10)	12,000.00		12,000.00
" " " No. 1, 1915	Sept. 1, 1915	4	Mar. Sept.	" "	Sept. 1, 1916	2,482.75		2,482.75
Highways, Macadam, No. 1	Sept. 1, 1915	4	Mar. Sept.	" "	Sept. 1, 1917 (10)	12,000.00		12,000.00
" " No. 2	Apr. 1, 1914	4	Oct. Apr.	" "	Sept. 1, 1923 (31)	3,000.00		3,000.00
" " No. 3	July 1, 1914	4	Jan. July	" "	April 1, 1915 (30)	40,000.00		40,000.00
" " No. 1, 1915	Oct. 1, 1914	4	Apr. Oct.	" "	July 1, 1915 (30)	40,000.00		40,000.00
" Improvements	Mar. 1, 1915	4	Mar. Sept.	" "	Oct. 1, 1919 (11)	11,000.00		11,000.00
Schoolhouses and Other Public Buildings	Dec. 1, 1903	4	June Dec.	" "	Mar. 1, 1920 (20)	100,000.00		100,000.00
" " " " "	Mar. 1, 1897	4	Sept. Mar.	From Sinking Funds	Dec. 1, 1913	1,000.00		1,000.00
" " " " "	Feb. 1, 1898	3½	Aug. Feb.	" " "	Mar. 1, 1917	128,000.00	128,000.00	
" " " " "	Feb. 1, 1899	3½	Aug. Feb.	" " "	Feb. 1, 1918	92,000.00	90,584.99	1,415.01
" " " " "	June 1, 1900	3½	Dec. June	" " "	Feb. 1, 1919	30,000.00	28,974.43	1,025.57
" " " " "	Mar. 1, 1902	3½	Sept. Mar.	" " "	June 1, 1920	200,000.00	178,031.18	21,968.82
" " " " "	Feb. 1, 1903	3½	Aug. Feb.	" " "	Mar 1, 1922	65,000.00	40,460.60	24,539.40
" " " " "	Dec. 1, 1903	4	June Dec.	" " "	Feb. 1, 1923	120,000.00	77,642.19	42,357.81
" " " " "	July 1, 1905	4	Jan. July	" " "	Dec. 1, 1923	50,000.00	33,661.39	16,338.61
School Purposes, C. 298, 1904	Jan. 1, 1905	4	July Jan.	" " "	July 1, 1925	21,000.00	12,121.18	8,878.82
" " C. 298, 1904	Jan. 1, 1905	4	July Jan.	From Taxes	Jan. 1, (2)	30,000.00		30,000.00
" " C. 298, 1904	Dec. 1, 1905	4	June Dec.	" "	July 1, (1)	45,000.00		45,000.00
" " C 185, 1907	July 1, 1908	4	Jan. July	" "	Dec. 1, (11)	20,000.00		20,000.00
" " C. 144, 1909	June 1, 1910	4	Dec. June	" "	July 1, 1914 (13)	195,000.00		195,000.00
" " C. 144, 1909	Jan. 1, 1911	4	July Jan.	" "	June 1, (1)	75,000.00		75,000.00
" " C. 144, 1909	Jan. 1, 1911	4	July Jan.	" "	Jan. 1, (1)	5,000.00		5,000.00
" " C. 144, 1909	Jan. 1, 1911	4	July Jan.	" "	Jan. 1, 1917 (4)	20,000.00		20,000.00
" " C. 233, 1910	Jan. 1, 1911	4	July Jan.	" "	Jan. 1, 1922 (2)	30,000.00		30,000.00
" " C. 123, 1911	Sept. 1, 1912	4	Mar. Sept.	" "	Jan. 1, (21)	112,000.00		112,000.00
" " C. 123, 1911	Sept. 1, 1912	4	Mar. Sept.	" "	Sept. 1, (14)	108,000.00		108,000.00
School Construction, 1910	Dec. 1, 1910	4	June Dec.	" "	Sept. 1, 1928 (15)	40,000.00		40,000.00
New High School	July 1, 1905	3½	Jan. July	From Sinking Funds	Dec. 1, 1930	14,000.00	3,239.79	10,760.21
" " "	Jan. 1, 1910	3½	Jan. July	" " "	July 1, 1925	100,000.00	46,392.42	53,607.58
" " "	Jan. 1, 1911	4	July Jan.	From Taxes	Jan. 1, (1)	75,000.00		75,000.00
" " "	July 1, 1911	4	Jan. July	" "	Jan. 1, (1)	80,000.00		80,000.00
" " "	Jan. 1, 1912	4	July Jan.	" "	July 1, (1)	80,000.00		80,000.00
" " "	June 1, 1912	4	Dec. June	" "	Jan. 1, (1)	85,000.00		85,000.00
" " "	June 1, 1912	4	Dec. June	" "	June 1, (2)	21,000.00		21,000.00
Katherine Street School, Equipment	Feb. 1, 1914	4	Aug. Feb.	" "	June 1, 1923 (10)	20,000.00		20,000.00
Sewer Construction	April 1, 1895	4	Oct. April	" "	Feb. 1, 1915 (9)	9,000.00		9,000.00
" "	Mar. 1, 1897	4	Sept. Mar.	From Sinking Funds	April 1, 1925	58,000.00	38,641.29	19,358.71
" "	Feb. 1, 1898	3½	Aug. Feb.	" " "	Mar. 1, 1927	69,000.00	40,155.88	28,844.12
" "	Feb. 1, 1899	3½	Aug. Feb.	" " "	Feb. 1, 1928	35,000.00	19,626.96	15,373.04
" "	Mar. 1, 1902	3½	Sept. Mar.	" " "	Feb. 1, 1929	33,000.00	17,982.91	15,017.09
" "	Dec. 1, 1903	4	June Dec.	" " "	Mar. 1, 1932	30,000.00	12,913.65	17,086.35
" "	July 1, 1905	4	Jan. July	" " "	Dec. 1, 1933	30,000.00	12,424.16	17,575.84
" " C. 184, 1907	Oct. 1, 1907	4	Apr. Oct.	" " "	July 1, 1935	62,000.00	24,378.87	37,621.13
" " C. 184, 1907	Oct. 1, 1907	4	Apr. Oct.	From Taxes	Oct. 1, (14)	18,000.00		18,000.00
" " C. 131, 1911	May 1, 1911	4	Nov. May	" "	Oct. 1, 1918 (22)	160,000.00		160,000.00
" " C. 76, 1912	June 1, 1912	4	Dec. June	" "	May 1, (1)	130,000.00		130,000.00
" " C. 183, 1913	July 1, 1913	4	Jan. July	" "	June 1 (1)	135,000.00		135,000.00
" " " "	July 1, 1913	4	Jan. July	" "	July 1, (3)	32,000.00		32,000.00
" " " "	July 1, 1913	4½	Jan. July	" "	July 1, 1924 (2)	30,000.00		30,000.00
" " No. 1, 1914	Apr. 1, 1914	4	Oct. Apr.	" "	July 1, 1934 (2)	30,000.00		30,000.00
" " No. 1, 1914	Apr. 1, 1914	4	Oct. Apr.	" "	Apr. 1, 1915 (10)	38,000.00		38,000.00
Sewage Disposal, C. 474, 1910	Dec. 1, 1911	4	June Dec.	" "	Apr. 1, 1935 (31)	10,000.00		10,000.00
" " " "	Dec. 1, 1911	4	June Dec.	" "	Dec. 1 (3)	24,000.00		24,000.00
" " " "	June 1, 1912	4	Dec. June	" "	Dec. 1, 1922 (2)	60,000.00		60,000.00
" " " "	June 1, 1912	4	Dec June	" "	June 1, (3)	28,000.00		28,000.00
" " " "	Sept. 1, 1912	4	Mar. Sept.	" "	June 1, 1923 (2)	60,000.00		60,000.00
" " " "	Sept. 1, 1912	4	Mar. Sept.	" "	Sept. 1, (3)	28,000.00		28,000.00
" " " "	Mar. 1, 1913	4	Sept. Mar.	" "	Sept. 1, 1923 (2)	60,000.00		60,000.00
" " " "	Mar. 1, 1913	4	Sept. Mar.	" "	Mar. 1, (3)	32,000.00		32,000.00
" " " "	June 1, 1913	4	Dec. June	" "	Mar. 1, 1924 (2)	60,000.00		60,000.00
" " " "	June 1, 1913	4	Dec. June	" "	June 1, (15)	64,000.00		64,000.00
" " " "	June 1, 1913	4½	Dec. June	" "	June 1, 1926 (5)	60,000.00		60,000.00
" " " "	Sept. 1, 1913	4½	Mar. Sept.	" "	June 1, 1934 (5)	60,000.00		60,000.00
" " " "	July 1, 1914	4	Jan. July	" "	Sept. 1, (1)	140,000.00		140,000.00
" " " "	July 1, 1914	4	Jan. July	" "	July 1, 1915 (11)	38,000.00		38,000.00
" " " "	Dec. 1, 1914	4	June Dec.	" "	July 1, 1935 (9)	10,000.00		10,000.00
" " " "	Dec. 1, 1914	4	June Dec.	" "	Dec. 1, 1944 (3)	36,000.00		36,000.00
" " " "	Dec. 1, 1914	4	Mar. Sept.	" "	Dec. 1, 1944 (25)	60,000.00		60,000.00
" " " "	Oct. 1, 1915	4	Apr. Oct.	" "	Mar. 1, 1945 (4)	120,000.00		120,000.00
" " " "	Oct. 1, 1915	4	Apr. Oct.	" "	Oct. 1, 1916 (2)	15,000.00		15,000.00
Sewer Loan, No. 1, 1915	Mar. 1, 1915	4	Mar. Sept.	" "	Oct. 1, 1921 (10)	50,000.00		50,000.00
Park Purposes, C. 150, 1892	June 1, 1892	4	Oct. Apr.	" "	Mar. 1, 1945 (9)	30,000.00		30,000.00
" " C. 140, 1898	July 1, 1901	3½	Jan. July	From Sinking Funds	April 1, 1942	100,000.00	35,708.19	64,291.81
" " C. 140, 1898	July 1, 1907	4	Jan. July	" " "	July 1, 1951	28,000.00	6,002.46	21,997.54
Park Land	Apr. 1, 1914	4	Oct. Apr.	" " "	July 1, 1957	72,000.00	8,953.58	63,046.42
"	Apr. 1, 1914	4	Oct. Apr.	From Taxes	Apr. 1, 1916 (1)	6,000.00		6,000.00
Wharf Purposes, C. 159, 1897	May 1, 1897	4	Nov. May	" "	Apr. 1, 1919 (9)	26,000.00		26,000.00
Wharf Purchases, C. 110, 1911	Apr. 1, 1911	4	Oct. Apr.	From Sinking Funds	May 1, 1927	52,000.00	36,332.63	15,667.37
Wharf Purchases, C. 110, 1911	Apr. 1, 1911	4	Oct. Apr.	From Taxes	April 1, (2)	6,000.00		6,000.00
New Bedford and Fairhaven Bridge	Jan. 1, 1907	4	July Jan.	" "	April 1, 1918 (10)	8,000.00		8,000.00
Taunton Great River Bridge	Oct. 1, 1910	4	Apr. Oct.	From Sinking Funds	Jan. 1, 1957	777,000.00	86,784.99	690,215.01
" "	Oct. 1, 1910	4	Apr. Oct.	From Taxes	Oct. 1, (11)	8,000.00		8,000.00
Bridge Loan, C. 385, 1913	Nov. 1, 1913	4½	May Nov.	" "	Oct. 1, 1920 (31)	21,000.00		21,000.00
" " 1915	Mar. 1, 1915	4	Mar. Sept.	" "	Nov. 1, (1)	15,000.00		15,000.00
" " 1915	Mar. 1, 1915	4	Mar. Sept.	" "	Mar. 1, 1916	1,425.09		1,425.09
" " No. 2 1915	Aug. 1, 1915	4	Feb. Aug.	" "	Mar. 1, 1934 (9)	18,000.00		18,000.00
Engine House Loan	May 1, 1907	4	Nov. May	" "	Aug. 1, 1927 (9)	12,000.00		12,000.00
Library Loan C. 353, 1907	Jan. 1, 1909	3½	July Jan.	From Sinking Funds	May 1, 1927	20,000.00	8,218.65	11,781.35
" " C. 353, 1907	Jan. 1, 1910	4	July Jan.	From Taxes	Jan. 1, (1)	70,000.00		70,000.00
" " C. 353, 1907	Sept. 1, 1910	4	Mar. Sept.	" "	Jan. 1, (1)	75,000.00		75,000.00
" " C. 353, 1907	Sept. 1, 1910	4	Mar. Sept.	" "	Sept. 1, (3)	40,000.00		40,000.00
Municipal Building Loan	July 1, 1909	3½	Jan. July	" "	Sept. 1, 1926 (2)	15,000.00		15,000.00
" " "	June 1, 1910	4	Dec. June	" "	July 1, (1)	70,000.00		70,000.00
" " "	Sept. 1, 1910	4	Mar. Sept.	" "	June 1, (1)	75,000.00		75,000.00
" " "	May 1, 1911	4	Nov. May	" "	Sept. 1, (1)	75,000.00		75,000.00
" " " No. 1, 1915	May 1, 1911	4	Nov. May	" "	May 1, (1)	5,000.00		5,000.00
" " " " "	Sept. 1, 1915	4	Mar. Sept.	" "	May 1, 1917 (4)	60,000.00		60,000.00
Municipal Loan, No. 1, 1907	Feb. 1, 1907	4	Aug. Feb.	" "	Sept. 1, 1916	1,137.32		1,137.32
" " No. 3, 1907	Oct. 1, 1907	4½	Apr. Oct.	" "	1917 (31)	7,000.00		7,000.00
" " No. 4, 1907	Dec. 1, 1907	5	June Dec.	" "	Feb. 11, (17)	49,000.00		49,000.00
" " No. 1, 1908	Jan. 1, 1908	4	July Jan.	From Sinking Funds	Oct. 1, 1917	97,000.00	87,924.89	9,075.11
" " No. 2, 1908	Jan. 15, 1909	4	May Nov.	" "	Dec. 1, 1917	28,000.00	23,077.16	4,922.84
" " No. 1, 1909	July 1, 1909	3½	Jan. July	From Taxes	Jan. 1, (18)	54,000.00		54,000.00
" " No. 2, 1909	Aug. 1, 1909	4	Feb. Aug.	" "	Nov. 1, 1914 (20)	3,000.00		3,000.00
" " No. 1, 1910	Mar. 1, 1910	4	Sept. Mar.	" "	July 1, (19)	104,000.00		104,000.00
" " No. 2, 1910	June 1, 1910	4	Dec. June	" "	Aug. 1, (9)	4,000.00		4,000.00
" " No 3, 1910	Oct. 1, 1910	4	Apr. Oct.	" "	Mar. 1, 1915 (8)	105,000.00		105,000.00
" " No. 1, 1911	Mar. 1, 1911	4	Sept. Mar.	" "	June 1, (4)	20,000.00		20,000.00
" " No. 2, 1911	Mar. 1, 1911	4	Sept. Mar.	From Sinking Funds	Oct. 1. 1920	50,000.00	27,781.62	22,218.38
" " No. 2, 1911	Mar. 1, 1911	4	Sept. Mar.	From Taxes	Mar. 1, (13)	90,000.00		90,000.00
" " No. 3, 1911	Mar. 1, 1911	4	Sept. Mar.	" "	Mar. 1, (3)	8,000.00		8,000.00
" " No 3, 1911	Mar. 1, 1911	4	Sept. Mar.	" "	Mar. 1, 1918 (2)	12,000.00		12,000.00
" " No. 4, 1911	June 1, 1911	4	Dec. June	" "	Mar. 1, (11)	2,000.00		2,000.00
" " No. 5, 1911	July 1, 1911	4	Jan. July	" "	Mar. 1, 1917 (20)	5,000.00		5,000.00
" " No. 6, 1911	July 1, 1911	4	Jan. July	" "	June 1, 1916 (22)	48,000.00		48,000.00
" " No. 6, 1911	July 1, 1911	4	Jan. July	" "	July 1, (11)	12,000.00		12,000.00
" " No. 7, 1911	Nov. 1, 1911	4	May Nov.	" "	July 1, (11)	10,000.00		10,000.00
" " No. 7, 1911	Nov. 1, 1911	4	May Nov.	" "	July 1,1921	1,000.00		1,000.00
" " No. 8, 1911	Jan. 1, 1912	4	July Jan.	" "	Nov. 1, (2)	12,000.00		12,000.00
" " No. 8, 1911	Jan. 1, 1912	4	July Jan.	" "	Nov. 1, 1921 (10)	4,000.00		4,000.00
" " No. 2, 1912	May 1, 1912	4	Nov. May	" "	Jan. 1, (1)	15,000.00		15,000.00
" " No. 2, 1912	May 1, 1912	4	Nov. May	" "	Jan. 1, 1922 (3)	16,000.00		16,000.00
" " No. 3, 1912	May 1, 1912	4	Nov. May	" "	May 1, (23)	28,000.00		28,000.00
" " No. 4, 1912	May 1, 1912	4	Nov. May	" "	May 1, 1918 (24)	65,000.00		65,000.00
" " No. 4, 1912	May 1, 1912	4	Nov. May	" "	May 1, 1914 (9)	7,000.00		7,000.00
" " No. 5, 1912	Aug. 1, 1912	4	Feb. Aug.	" "	May 1, (11)	4,000.00		4,000.00
" " No. 6, 1912	Sept. 1, 1912	4	Mar. Sept.	" "	May 1, 1918 (9)	5,000.00		5,000.00
" " No. 7, 1912	Nov. 1, 1912	4	May Nov.	" "	Aug. 1, 1916 (10)	14,000.00		14,000.00
" " No. 7, 1912	Nov. 1, 1912	4	May Nov.	" "	Sept. 1, (1)	35,000.00		35,000.00
" " No. 1, 1913	Mar. 1, 1913	5	Sept. Mar.	" "	Nov. 1, (1)	10,000.00		10,000.00
" " No. 2, 1913	Aug. 1, 1913	4½	Feb. Aug.	" "	Mar. 1, 1918 (4)	20,000.00		20,000.00
" " No. 3, 1913	Aug. 1, 1913	4	Feb. Aug.	" "	Mar. 1, (26)	200,000.00		200,000.00
" " No. 4, 1913	Sept. 1, 1913	4½	Mar. Sept.	" "	Aug. 1, (15)	64,000.00		64,000.00
" " No. 4, 1913	Sept. 1, 1913	4½	Mar. Sept.	" "	Aug. 1, (11)	16,000.00		16,000.00
" " No. 5, 1913	Nov. 1, 1913	4	May Nov.	" "	Sept. 1, (27)	12,000.00		12,000.00
" " No. 6, 1913	Dec. 1, 1913	4	June Dec.	" "	Sept. 1, 1917 (28)	77,000.00		77,000.00
Cemetery Loan	Apr. 1, 1914	4	Apr. Oct.	" "	Nov. 1, (25)	24,000.00		24,000.00
Trust Fund Loan	Mar. 1, 1914	4	Sept. Mar.	" "	Dec. 1, (22)	64,000.00		64,000.00
" " "	Mar. 1, 1914	4	Sept. Mar.	" "	Apr. 1, 1916 (9)	9,000.00		9,000.00
Purchase Street Widening C. 589, 1913	Nov. 1, 1913	4	May Nov.	" "	Mar. 1, 1916 (22)	88,000.00		88,000.00
" " " " "	Nov. 1, 1913	4	May Nov.	" "	Mar. 1, 1927 (21)	21,000.00		21,000.00
Union Street Widening C. 609, 1913	Nov. 1, 1919	4	May Nov.	" "	Nov. 1, (20)	280,000.00		280,000.00
" " " " "	Nov. 1, 1913	4	May Nov.	" "	Nov. 1, 1930 (29)	76,000.00		76,000.00
				" "	Nov. 1, (21)	42,000.00		42,000.00
				" "	Nov. 1, 1922 (5)	72,000.00		72,000.00
						$10,061,045.16	$2,014,797.52	$8,046,247.64

1. $5,000.00 annually.
2. $3,000.00 annually from date.
3. $4,000.00 annually.
4. $4,000.00 annually from date.
5. 6,000.00 annually from date.
7. $22,000.00 annually.
8. $21,000.00 annually from date.
9. $1,000.00 annually.
10. $2,000.00 annually from date.
11. $2,000.00 annually.
12. $16,000.00 annually.
13. $15,000.00 annually.
14. $9,000.00 annually.
15. $8,000.00 annually
17. $23,000.00 annually.
18. $18,000.00 annually.
19. $26,000.00 annually.
20. $20,000.00 annually.
21. $7,000.00 annually from date.
22. $8,000.00 annually from date.
23. $14,000.00 annually.
24. $13,000.00 annually from date.
25. $3,000.00 annually.
26. $25,000.00 annually.
27. $12,000.00 annually.
28. $11,000.00 annually from date.
29. $19,000.00 annually from date.
30. $10,000.00 annually from date.
31. $1,000.00 annually from date.
32. $6,000.00 annually.

BALANCE SHEET OF THE CITY OF NEW BEDFORD DECEMBER, 1915.

ASSETS.

Cash in treasury	$365,336.01
Uncollected taxes	250,769.05
Advances for Commonwealth	16,242.93
Other accounts receivable	2,062.37
Deficit, other estimated revenue	19,648.25
Current assets	$654,058.61
Kempton fund, cash and investments	260,960.41
Sinking funds, cash and investments	1,838,894.26
Cemetery fund, cash and investment	187,431.87
Library and school funds	117,100.00
City property, ledger account	13,541,911.74
Construction authorized, not expended	101,801.71
Total assets	$16,702,158.60

LIABILITIES.

Accounts payable	$471,799.41
Balances, sinking fund	1,838,894.26
Balances, municipal utilities accounts	28,794.12
Balances, trust fund income accounts	5,235.29
Balances, deposit accounts	41,958.81
Balances, construction accounts	46,563.46
Balances, special accounts	108,324.29
Reserves for tax abatements	41,189.11
	$2,582,758.75
Kempton fund	259,493.77
Cemetery funds	187,431.87
Library and school trust funds	117,100.00
Bonds outstanding	10,063,045.16
Loans authorized, not issued	185,000.00
	$13,394,829.55
Balance, public property account	3,307,329.05
Total liabilities	$16,702,158.60

CITY OF NEW BEDFORD,
April 22, 1916.

To the City Council Committee on Finance:

Gentlemen: — The sub-committee on the valuation of city property reports herewith a list of city property and its value. The valuation of real estate has been secured from the Board of Assessors, and the valuation of other property has been secured from the officers in charge of the several departments. The entire valuation is believed by your sub-committee to be a fair valuation of the city.

JOHN T. SLOANE,
GEORGE A. J. LAGASSE,
GEORGE T. DUCKWORTH,
Committee.

SCHEDULE AND VALUATION OF THE CITY PROPERTY, JANUARY 1, 1916.

BOARD OF ASSESSORS:		
Office fixtures, furniture and furnishings	$7,976.00	$7,976.00
BOARD OF HEALTH:		
Furniture and equipment in office and bacteriological laboratory	6,753.38	
Disinfecting apparatus	100.00	
Furniture bedding, etc., in small pox buildings	275.00	
Ambulance and wagon at small pox hospital	200.00	
Partial equipment of isolation hospital	1,000.00	
Buildings used as small pox hospitals	1,800.00	
Isolation hospital buildings	41,200.00	
Land at isolation hospital	92,625.00	
		143,953.38
CEMETERY BOARD:		
Oak Grove Cemetery	70,075.00	
Old Burying Ground, Second st	10,325.00	
Pine Grove Cemetery	41,525.00	
Rural Cemetery	207,625.00	
Tools, machinery, wagons and equipment	3,480.00	
Office fixtures, furniture and furnishings	3,432.00	
		336,462.00
CITY AUDITOR:		
Office furniture, fixtures and furnishings	2,640.00	2,640.00
CITY CLERK:		
Office furniture, fixtures and furnishings	7,000.00	7,000.00
CITY MESSENGER:		
Miscellaneous supplies on hand	200.00	200.00
CITY SOLICITOR:		
Office fixtures, furniture and furnishings	843.00	
Law library	250.00	
		1,093.00
CITY TREASURER:		
Office fixtures, furniture and fnrnishings	7,245.00	7,245.00
CITY ENGINEER:		
Office fixtures, furniture and furnishings	13,837.84	13,837.84
CLERK OF COMMITTEES:		
Office fixtures, furniture and furnishings,	2,600.00	2,600.00

ELECTIONS:		
Ballot boxes, and voting paraphernalia	$ 3,000.00	
		$3,000.00
FIRE DEPARTMENT:		
No. 1 engine house and lot	$14,450.00	
No. 2 engine house and lot	46,400.00	
No. 3 engine house and lot	23,400.00	
No. 4 engine house and lot	16,225.00	
No. 5 engine house and lot	33,250.00	
No. 6 engine house and lot	12,975.00	
No. 7 engine house and lot	17,225.00	
No. 8 engine house and lot	30,650.00	
No. 9 engine house and lot	2,150.00	
No. 10 engine house and lot	21,075.00	
No. 11 engine house and lot	23,050.00	
Land cor. Pleasant and North Sts.	7,300.00	
Steam fire engine No. 1	3,500.00	
Steam fire engine No. 2	3,000.00	
Steam fire engine No. 4	3,000.00	
Steam fire engine No. 5	3,500.00	
Steam fire engine No. 6	3,000.00	
Steam fire engine No. 7	3,500.00	
Steam fire engine No. 8	3,000.00	
Steam fire engine No. 9, reserve	2,000.00	
One Ahrens Fox auto engine	9,000.00	
One Robinson auto engine	9,000.00	
One Webb auto engine	7,500.00	
One White auto engine	6,000.00	
Three Locomobile combination chemicals	18,000.00	
One Locomobile repair car	4,500.00	
One Locomobile instruction car	250.00	
Three hook and ladder trucks	13,500.00	
One combination hook and ladder truck	2,685.00	
One hook and ladder truck (reserve)	100.00	
One combination chemical and hose wagon	2,000.00	
Five hose wagons	2,000.00	
Eight exercise and coal wagons	1,200.00	
One fire alarm wagon	200.00	
One express wagon (Plainville)	75.00	
One chief's buggy	150.00	
Twenty-six horses and harnesses	8,500.00	
Hose and connections	13,000.00	
Fire alarm telegraph	35,000.00	
Sundries, as per inventory	5,000.00	
		410,310.00
FREE PUBLIC LIBRARY:		
Land and building	441,675.00	
Books, pictures, etc	125,000.00	
		566,675.00

INSPECTOR OF WIRES:		
Office fixtures, furniture and furnishings	$ 715.00	
Police signal system	8,000.00	
Cable, wire and material	1,750.00	
		$10,470.00
LICENSING BOARD:		
Office fixtures, furniture and furnishings	1,755.00	1,755.00
MAYOR'S OFFICE:		
Office fixtures, furniture and furnishings	4,500.00	4,500.00
NEW BEDFORD INDUSTRIAL SCHOOL:		
Office fixtures, furniture and furninshings and machinery	39,760.00	39,760.00
NEW BEDFORD WATER WORKS:		
Acushnet supply	401,503.00	
Further supply	1,118,400.00	
Distribution and other items	1,875,000.00	
		3,394,903.00
PARK COMMISSIONERS:		
Bridge Park	25,375.00	
Brooklawn Park	312,625.00	
Buttonwood Park	176,550.00	
Common	96,950.00	
Grove Park	24,425.00	
Hazelwood Park	158,875.00	
Ashley Park	26,350.00	
Triangle Park	1,275.00	
Office furniture and fixtures	1,200.00	
Animals	2,500.00	
Tools and working implements	3,500.00	
Swings, seats, band stands, and amusement fixtures	7,500.00	
		837,125.00
POLICE DEPARTMENT:		
Police Station, Blackmer street	13,850.00	
Police Station, So. Second street	15,025.00	
Police stable, So. Second street	4,250.00	
Police Station, Kempton and Cedar streets	$ 22,575.00	
Police Station, Willis street	3,175.00	
Police Station, Bowditch and Weld streets	13,350.00	
Ambulances, wagons, furniture, furnishings and miscellaneous equipment	1,978.00	
		$74,203.00

POOR DEPARTMENT:		
Almshouse, outbuildings, etc.....	$ 186,650.00	
Furniture, furnishings, live stock and equipment.....	15,850.00	
		202,500.00
PUBLIC BATHS:		
Miscellaneous equipment.....	600.00	
		600.00
PUBLIC BUILDINGS, LAND AND OTHER PROPERTY:		
Screen House, West French ave...	78,875.00	
Land, West French ave.....	1,075.00	
Land, West French Ave.....	7,050.00	
Land, West French Ave.....	325.00	
Land, south side of Cove street...	250.00	
Land, Cove and Shore streets....	400.00	
Pump house, Brock Ave.....	19,075.00	
Wardroom, Rivet and Briggs Sts..	1,525.00	
Land, n. e. cor. Arnold street and Rockdale ave.....	725.00	
Land, s. e. cor. Arnold street and Rockdale ave.....	1,075.00	
Wardroom, 610 Purchase street...	1,025.00	
Land, west side Liberty street....	25.00	
Veteran Firemen's Building, High and Foster streets.....	2,700.00	
Land, Mechanics, Elm, Sixth and Pleasant streets	157,350.00	
Municipal Building, William and Pleasant streets.....	504,150.00	
Land, North to Hillman sts.....	3,800.00	
Land, Hillman street.....	8,200.00	
Building, 195 Mill st. on leased land	150.00	
Wardroom, Kempton st. on leased land	800.00	
Land, east side of Belleville ave....	2,125.00	
Land at head of Lambeth street, Edgwood, Sunderland, Dana sts.	175.00	
Land, Conway, Edgewood Streets	100.00	
Land and buildings n. s. Tarkiln Hill Road.....	8,075.00	
		$799,050.00
REGISTRARS OF VOTERS:		
Office fixtures, furniture and furnishings.....	4,000.00	4,000.00
SCHOOL DEPARTMENT:		
Wm. H. Taylor, Brock ave.....	91,000.00	
George H. Dunbar, Dartmouth st.	46,050.00	
Katherine street school.....	171,225.00	
R. C. Ingraham, Blackmer and Second streets.....	86,925.00	
Isaac W. Benjamin, Division street	38,325.00	

James B. Congdon, Thompson st...	102,975.00	
Thomas Donaghy, South st.....	79,875.00	
Thompson Street school	44,475.00	
Dartmouth Street school.....	17,375.00	
Acushnet avenue school.....	48,975.00	
Betsey B. Winslow, Allen streets...	151,750.00	
Fifth street school, Pleasant street	36,075.00	
Thomas A. Greene, Purchase and Madison streets.....	69,925.00	
Harrington School, Court st.....	57,350.00	
Hathaway playgrounds.....	11,575.00	
Sylvia A. Howland, Kempton and Pleasant streets.....	72,125.00	
Middle street school.....	36,800.00	
New High School, County and Court streets.....	565,600.00	
School Committee Rooms, William street.....	9,950.00	
Thomas R. Rodman, Rockdale avenue and Summit street.....	78,725.00	
Cedar street school.....	8,425.00	
Mary B. White, Maxfield street..	24,925.00	
Old High School, Summer street.	111,675.00	
H. A. Kempton, Shawmut avenue	51,975.00	
Parker street school.....	80,750.00	
Merrimac street school.....	17,800.00	
Clark Street school.....	38,250.00	
John H. Clifford, Bowditch and Coggeshall streets.....	80,600.00	
Cedar Grove Street School.....	36,175.00	
H. M. Knowlton school, County and Coggeshall streets.....	110,000.00	
Phillips Avenue school.....	46,550.00	
A. Lincoln, Bowditch and Glennon	146,250.00	
School, Hathaway road.....	1,150.00	
School, Plainville	1,125.00	
Jireh Swift school, Lunds Corner..	84,425.00	
Acushnet avenue, north of Lunds Corner.....	1,600.00	
Portable buildings	18,000.00	
Furniture and furnishings.....	231,858.00	
		$2,908,608.00
SEALER OF WEIGHTS AND MEASURES:		
Standard weights and measures and equipment.....	2,280.00	2,280.00
STREETS AND SEWERS:		
City stables and land.....	63,150.00	
Air drills.....	2,144.50	
Asphalt plant.....	7,299.44	
Blacksmith shop.....	3,734.47	
Carpenter shop.....	1,496.06	
Concrete tools.....	113.99	
North crusher.....	2,177.25	
Portable crusher.....	2,749.00	

South crusher	3,969.69	
Centre crusher	4,797.25	
Forestry	1,556.90	
Garage, autos and trucks	9,299.70	
Higways and streets	15,789.28	
Hoisting engine	880.20	
Machine shop	993.35	
Office	1,020.94	
Paint shop	166.57	
Portable boiler	962.50	
Road roller	10,466.45	
Sewers and drains	572.33	
Stable	28,779.90	
Stationery boiler and engine	3,312.62	
Steam drills	2,885.36	
Steam pumps	493.50	
		168,811.31
STREET LIGHTING DEPARTMENT:		
Lamp posts	9,000.00	9,000.00
SUPERINTENDENT OF PUBLIC BUILDINGS:		
Office fixtures, furniture and furnishings	5,722.13	
		5,722.13
WHARVES:		
Land, foot of Howland st.	7,825.00	
Land, foot of Centre st.	500.00	
Rotch Wharf	42,450.00	
S. E. cor. Front and Centre sts.	2,950.00	
Land and building, Front and Union streets	10,300.00	
		64,025.00
Total Valuation		$10,030,304.66

RECAPITULATION.

Board of Assessors	$ 7,976.00
Board of Health	143,953.38
Cemetery Board	336,462.00
City Auditor	2,640.00
City Clerk	7,000.00
City Messenger	200.00
City Solicitor	1,093.00
City Treasurer	7,245.00
City Engineer	13,837.84
Clerk of Committees	2,600.00
Elections	3,000.00
Fire Department	410,310.00
Free Public Library	566,675.00
Inspector of Wires	10,470.00
Licensing Board	1,755.00
Mayor's Office	4,500.00
New Bedford Industrial School	39,760.00
New Bedford Water Works	3,394,903.00
Park Commissioners	837,125 00
Police Department	74,203.00
Poor Department	202,500.00
Public Baths	600.00
Public Buildings, Land and Other Property	799,050.00
Registrars of Voters	4,000.00
School Department	2,908,608.00
Sealer of Weights and Measures	2,280.00
Streets and Sewers	168,811.31
Street Lighting Department	9,000.00
Superintendent of Public Buildings	5,722.13
Wharves	64,025.00
Total valuation	$10,030,304.66

CITY OF NEW BEDFORD,
OFFICE OF THE CITY AUDITOR.
March 4, 1916.

The Honorable City Council:

I respectfully report that I have examined the report and investments of the trustees of the Kempton fund and find the same correct. Said investments are represented by securities having a face value of two hundred and fifty-seven thousand dollars, and a savings bank deposit amounting to one thousand dollars and sixty-three cents.

I have also examined the report and investments of said trustees of the Sylvia Ann Howland Educational and Library Fund, of the George O. Crocker Library Fund, the Charles L. Wood Library Fund, the Oliver Crocker Library Fund, the George Howland, Jr. Library Fund, the Charles W. Morgan Library Fund, the James B. Congdon Library Fund and the Jonathan Bourne Prize Fund, and find the same correct. Said investments are represented by securities and deposits of a par value of one hundred eighteen thousand four hundred fifty-four dollars and forty-five cents.

EDWARD L. CRONIN,
City Auditor.

CERTIFICATES.

We have examined the foregoing report and statements of the City Auditor and believe the same to be correct.

EDWARD O. KNOWLES,
WILLIAM J. FRANCIS,
CHARLES L. FISHER,

Sub-committee of the joint standing committee on finance, appointed to examine the books and accounts of the City Treasurer and the City Auditor.

The foregoing report and statements of the City Auditor are approved.

JOHN H. AINDOW,
SAMUEL A. GOODFELLOW,
JOHN T. SLOANE,
EDWARD T. GLENNON,
JAMES O'ROURKE,

Committee on Audit.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

January 25, 1917.

Received, ordered printed in the City Documents and sent down for concurrence.

W. H. B. REMINGTON,
City Clerk.

IN COMMON COUNCIL,

January 25, 1917.

Concurred.

CHARLES P. SAWYER,
Clerk.

ANNUAL REPORT

OF THE

CITY TREASURER

FOR THE

Fiscal Year Ending December 4
1915

MERCURY PUBLISHING CO., PRINTERS
NEW BEDFORD, MASS.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

February 10, 1916.

Received. Ordered printed in the City Documents and sent down for concurrence.

W. H. B. REMINGTON, City Clerk.

IN COMMON COUNCIL,

February 10, 1916.

Concurred.

LILY F. DARCY, Clerk.
Pro. tem.

Office of the City Treasurer,

New Bedford, January 1, 1916.

To the City Council of the City of New Bedford.

Gentlemen,—Submitted herewith find the annual report of this department for the year ending December 4, 1915, as required by the ordinances.

Respectfully submitted,

WILLIAM S. COOK,

City Treasurer.

STATEMENT OF CASH RECEIPTS AND CASH PAYMENTS FOR THE FISCAL YEAR 1915.

SUMMARY.

Cash receipts from revenue sources,	$3,110,293.13	
Cash receipts from Sinking Funds,	110,000.00	
Cash receipts from special funds and acounts,	567,174.05	
Cash receipts from revenue loans,	2,325,000.00	
Cash receipts from bonds,	737,379.84	
Total cash receipts,		$6,849,847.02
Cash balance December 5, 1914,		161,821.00
		$7,011,668.02
Cash payments for revenue purposes,	$2,726,674.55	
Cash payments for special funds and accounts,	1,079,340.73	
Cash payments for revenue loans,	2,075,000.00	
Cash payments for other loans,	140,000.00	
Cash payments for bonds,	625,316.73	
Total cash payments,		$6,646,332.01
Cash balance December 4, 1915,		365,336.01
		$7,011,668.02

CASH RECEIPTS IN DETAIL.

From Revenue Sources:		
Taxes,	$2,666,644.83	
Premiums on bonds,	1,581.66	
Miscellaneous,	442,066.64	
		$3,110,293.13
From Special Funds and Accounts:		
Water Works,	$322,600.21	
Wharves,	5,447.95	
Cemeteries, sale of lots,	6,575.00	
Cemeteries, Perpetual Care deposits,	9,235.00	
Sewer deposits,	13,106.00	
Highway deposits,	8,689.16	
Sewer construction, assessments,	23,741.83	
Sewer construction, miscellaneous receipts,	95.85	
Sewage disposal, Chap. 474 of 1910,	181.50	
Highways, permanent improvements,	11,384.69	
Highways, macadam,	894.05	
Sales of City property,	3,993.00	
Katherine Street School, equipment,	4.07	
Police signal system,	95.00	
Purchase street widening,	2,215.47	
Union street widening,	70.65	
Purchase street betterments,	74,188.18	
Union street betterments,	27,626.92	
Spring street betterments,	567.58	
State aid,	11,268.00	
Military aid,	2,078.50	
Burial of soldiers,	450.00	
Library Trust funds, Income account,	2,671.08	
School Trust funds, Income account,	2,067.08	
Library, Dog fund,	2,684.37	
Schools, Dog fund,	2,698.70	
Trust account, licenses due State,	31,871.50	
Trust account, summonses due collectors,	602.00	
Short and over,	70.71	
		$567,174.05
From Loans:		
In anticipation of revenue 1914,	$175,000.00	
In anticipation of revenue 1915,	2,150,000.00	
		$2,325,000.00

From Sinking Funds:		
To pay maturing bonds,	$110,000.00	
		$110,000.00
From Bonds:		
Sewers, Chap. 474 of 1910,	$285,000.00	
Highway Permanent Improvement Loan No. 3 of 1914,	20,000.00	
Macadam Loan No. 3 of 1914,	11,000.00	
Highway Extension Loan No. 1 of 1914,	24,334.68	
Bridge Loan of 1915,	19,425.09	
Highway Permanent Improvement Loan No. 1 of 1915,	120,000.00	
Macadam Loan No. 1 of 1915,	100,000.00	
Sewer Loan No. 1 of 1915,	30,000.00	
Highway Permanent Improvement Loan No. 2 of 1915,	60,000.00	
Bridge Loan No. 2 of 1915,	12,000.00	
Highway Extension Loan No. 1 of 1915,	17,482.75	
Highway Permanent Improvement Loan No. 3 of 1915,	30,000.00	
Municipal Building Loan No. 1 of 1915,	8,137.32	
		$737,379.84
Total cash receipts,		$6,849,847.02

CASH PAYMENTS IN DETAIL.

For Revenue Purposes:		
Sundry departments, audits, payrolls and advances,	$2,726,090.13	
Premiums on bonds,	584.42	
		$2,726,674.55
For Special Funds and Accounts:		
Water Works (not including bonds),	$301,969.88	
Wharves (not including bonds),	4,713.32	
Cemeteries, sale of lots,	5,524.75	
Cemeteries, Perpetual Care deposits,	9,185.00	
Sewer deposits rebated,	11,526.20	
Highway deposits rebated,	8,429.16	
Sewer construction,	59,573.66	
Sewage disposal, Chap. 474 of 1910,	227,633.82	
Highways, Special Account, 1913,	1.68	
Highways, permanent improvements,	200,096.56	
Highways, macadam,	83,715.26	

Purchase street widening,	14,332.89	
Union street widening,	5,623.16	
Spring street widening,	1,945.00	
Land damages, Arlington street,	4,934.50	
Land damages, Cedar Grove street,	978.00	
Land damages, Cleveland street,	400.00	
Land damages, Concord street,	4,765.25	
Land damages, DeWolf street,	150.00	
Land damages, Phillips road,	1,575.00	
Land damages, Wood street,	3,525.40	
Parks, Special Account, 1914,	660.12	
Bridge, Chap. 539 of 1912,	19,425.09	
Turner's Pond bridge,	5,129.53	
New Central Fire Station,	16,000.00	
Fire Department, motor apparatus and equipment,	4,150.00	
Police Signal system,	97.44	
Municipal building,	4,435.27	
Portable schools,	3,840.00	
Katherine Street School, equipment,	243.28	
High School, furnishings,	128.41	
Almshouse alterations,	145.00	
Cove road, retaining wall,	606.05	
State aid,	12,122.00	
Military aid,	1,869.50	
Burial of soldiers,	852.00	
Trust Account, summonses due collectors,	564.00	
Trust Account, licenses due State,	31,871.50	
Pay roll tailings,	2.00	
Court judgments,	1,028.26	
Library, Dog fund,	2,553.76	
Schools, Dog fund,	2,965.79	
Library, Kempton fund,	11,859.15	
Library, Trust funds,	4,377.49	
Schools, Trust funds,	3,704.69	
Short and over,	111.91	
		$1,079,340.73
For Loans:		
Account of Revenue, 1914,	$175,000.00	
Account of Revenue, 1915,	1,900,000.00	
Account of Sewers, Chap. 474 of 1910, bonds,	100,000.00	
Account of Highways, Permanent Improvements bonds,	20,000.00	
Account of Highways, Macadam bonds,	20,000.00	
		$2,215,000.00
For Bonds:		
Improvement,	$110,000.00	
Water, Chap. 202 of 1909,	10,000.00	

Water, Chap. 65 of 1911,	11,000.00
Wharves, Chap. 110 of 1911,	3,000.00
Library, Chap. 353 of 1907,	14,000.00
Municipal Building, Chap. 352 of 1907,	20,000.00
Coggeshall Street Bridge,	5,000.00
Taunton bridge,	2,000.00
High School, Chap. 385 of 1903,	23,000.00
Katherine Street School, equipment,	1,000.00
Schools, Chap. 298 of 1904,	10,000.00
Schools, Chap. 185 of 1907,	15,000.00
Schools, Chap. 144 of 1909,	10,000.00
Schools, Chap. 233 of 1910,	7,000.00
Schools, Chap. 123 of 1911,	9,000.00
Sewers, Chap. 184 of 1907,	9,000.00
Sewers, Chap. 474 of 1910,	36,000.00
Sewers, Chap. 131 of 1911,	5,000.00
Sewers, Chap. 76 of 1912,	5,000.00
Sewers, Chap. 183 of 1913	4,000.00
Purchase Street Widening,	20,000.00
Union Street Widening,	6,000.00
Trust Fund Loan of 1914,	8,100.00
Municipal Loan No. 1 of 1907,	23,000.00
Highway Loan of 1908,	1,000.00
Municipal Loan No. 1 of 1908,	18,000.00
Municipal Loan No. 2 of 1908,	1,000.00
Municipal Loan No. 1 of 1909,	26,000.00
Municipal Loan No. 2 of 1909,	1,000.00
Municipal Loan No. 1 of 1910,	21,000.00
Municipal Loan No. 2 of 1910,	4,000.00
Municipal Loan No. 1 of 1911,	15,000.00
Municipal Loan No. 2 of 1911.	4,000.00
Municipal Loan No. 3 of 1911,	2,000.00
Municipal Loan No. 4 of 1911,	9,000.00
Municipal Loan No. 5 of 1911,	2,000.00
Municipal Loan No. 6 of 1911,	2,000.00
Municipal Loan No. 7 of 1911,	3,000.00
Municipal Loan No. 8 of 1911,	5,000.00
Highway Permanent Improvement Loan No. 2 of 1911,	1,000.00
Municipal Loan No. 1 of 1912,	10,000.00
Municipal Loan No. 2 of 1912,	14,000.00
Municipal Loan No. 3 of 1912,	1,000.00
Municipal Loan No. 4 of 1912,	2,000.00
Municipal Loan No. 5 of 1912,	3,000.00
Municipal Loan No. 6 of 1912,	5,000.00
Municipal Loan No. 7 of 1912,	4,000.00
Municipal Loan No. 1 of 1913,	25,000.00
Municipal Loan No. 2 of 1913,	8,000.00
Municipal Loan No. 3 of 1913,	2,000.00
Municipal Loan No. 4 of 1913,	12,000.00
Municipal Loan No. 5 of 1913,	3,000.00
Municipal Loan No. 6 of 1913,	8,000.00
Highway Permanent Improvement Loan of 1914, No. 1,	13,000.00

Macadam Loan No. 1 of 1914.	10,000.00	
Sewer Loan No. 1 of 1914,	2,000.00	
Highway Extension Loan No. 1 of 1914,	3,334.68	
Macadam Loan No. 2 of 1914,	10,000.00	
Macadam Loan No. 3 of 1914,	3,000.00	
Highway Permanent Improvement Loan No. 3 of 1914,	2,000.00	
Cemetery Loan of 1914,	1,711.05	
Park Loan of 1914,	2,171.00	
		$625,316.73
Total Cash Payments,		$6,646,332.01

We have examined the foregoing and believe the same to be correct.

EDWARD O. KNOWLES,
CHARLES L. FISHER,
WILLIAM J. FRANCIS,

Sub-committee of the Joint Standing Committee on Finance, appointed to examine the books and accounts of the City Treasurer and City Auditor.

The following table, compiled from previous reports, compares the Assessors' valuation of real and personal property, the tax rate, inventory of city property, funded water debt, funded debt other than water, and sinking funds, from the year 1901 to the year 1915, inclusive:

Year	Assessors' Net Valuation Real & Personal	Tax Rate	Inventory Of City Property	Funded Water Debt	Other Funded Debt	Sinking Funds
1901	$62,401,390	$17.40	$4,887,803	$1,628,000	$2,078,000	$923,838
1902	61,964,450	17.40	4,954,634	1,598,000	2,311,000	1,044,399
1903	62,246,300	18.00	5,065,011	1,568,000	2,369,000	1,073,379
1904	62,865,476	19.20	5,228,788	1,538,000	2,570,000	1,184,665
1905	63,951,461	19.40	5,440,536	1,508,000	2,884,000	1,352,077
1906	65,550,381	18.40	5,576,817	1,478,000	2,844,000	1,495,459
1907	70,719,086	17.60	5,586,995	1,448,000	4,129,000	1,547,871
1908	75,505,198	19.00	5,777,292	1,418,000	4,498,000	1,661,725
1909	77,464,331	19.00	6,289,217	1,388,000	4,721,581	1,711,226
1910	83,426,001	19.00	8,453,894	1,638,000	5,494,938	1,873,676
1911	95,511,184	18.40	9,512,735	1,778,000	6,313,752	2,035,119
1912	101,354,409	19.30	10,707,053	1,923,000	7,042,077	1,964,632
1913	104,491,928	20.20	11,930,480	1,902,000	7,420,000	1,809,453
1914	107,829,482	23.20	12,722,208	1,881,000	8,180,316	1,948,894
1915	111,136,138	23.00	13,535,547	1,860,000	8,197,045	2,014,797

COMPARATIVE TABLE OF DIVISION OF TAX RATE.

Rate per $1,000	1908	1909	1910	1911	1912	1913	1914	1915
valuation	$19.00	$19.00	$19.00	$18.40	$19.30	$20.20	$23.20	$23.00
Divided as follows:								
State Tax,	$1.43	$1.10	$1.41	$1.24	$1.33	$1.81	$1.92	$2.07
Grade Crossings,	.14	.26	.23	.20	.18	.09	.01	.01
County Tax,	1.26	1.21	1.30	1.15	1.10	1.15	1.13	1.12
City Purposes,	10.86	11.28	10.50	10.15	10.97	10.44	11.94	11.83
City Debt,	4.95	4.95	5.27	5.35	5.52	6.49	8.09	7.74
Armory,	.02							
Overlay,	.34	.20	.29	.31	.20	.22	.11	.23
	$19.00	$19.00	$19.00	$18.40	$19.30	$20.20	$23.20	$23.00

NEW BEDFORD BONDED DEBT PAYABLE.

Year.	Sinking Fund from Tax Levy.	Sinking Fund from Water Rates.	Sinking Fund from Wharf Inc.	Serial from Tax Levy.	Serial from Water Rates.	Serial from Wharf Inc.	Totals.
1916				$548,045.16	$19,000.00	$3,000.00	$570,045.16
1917	$268,000.00			546,000.00	19,000.00	3,000.00	836,000.00
1918	92,000.00	$20,000.00		515,000.00	19,000.00	2,000.00	648,000.00
1919	30,000.00			487,000.00	19,000.00	2,000.00	538,000.00
1920	300,000.00			435,000.00	19,000.00	2,000.00	756,000.00
1921				388,000.00	19,000.00	2,000.00	409,000.00
1922	65,000.00			352,000.00	19,000.00		436,000.00
1923	170,000.00			303,000.00	19,000.00		492,000.00
1924		320,000.00		241,000.00	19,000.00		580,000.00
1925	179,000.00			217,000.00	19,000.00		415,000.00
1926		400,000.00		189,000.00	19,000.00		608,000.00
1927	89,000.00	600,000.00	$52,000.00	188,000.00	19,000.00		948,000.00
1928	35,000.00			186,000.00	18,000.00		239,000.00
1929	33,000.00			171,000.00	18,000.00		222,000.00
1930	14,000.00	48,000.00		153,000.00	18,000.00		233,000.00
1931				125,000.00	18,000.00		143,000.00
1932	30,000.00			101,000.00	18,000.00		149,000.00
1933	30,000.00			86,000.00	18,000.00		134,000.00
1934				61,000.00	18,000.00		79,000.00
1935	62,000.00			58,000.00	18,000.00		138,000.00
1936				58,000.00	18,000.00		76,000.00
1937				58,000.00	18,000.00		76,000.00
1938				50,000.00	17,000.00		67,000.00
1939				50,000.00	17,000.00		67,000.00
1940				50,000.00	17,000.00		67,000.00
1941				49,000.00	9,000.00		58,000.00
1942	100,000.00			41,000.00	4,000.00		145,000.00
1943				30,000.00			30,000.00
1944				13,000.00			13,000.00
1945				7,000.00			7,000.00
1951	28,000.00						28,000.00
1957	849,000.00						849,000.00
	$2,374,000.00	$1,388,000.00	$52,000.00	$5,756,045.16	$472,000.00	$14,000.00	$10,056,045.16
				Overdue			1,000.00
				Total bonded debt			$10,057,045.16

REPORT OF THE TREASURER OF THE CITY TRUST FUNDS.

Office of the Treasurer.
January 1, 1916.

To the City Council of the City of New Bedford:

Gentlemen:—As Treasurer ex-officio of the trust funds belonging to the City, I submit the following statement, in tabular form, showing the investment and annual income of each, together with the amount of the Cemetery Perpetual Care Funds, viz:

Title and Amount of Fund			Investments		Annual Income
			Miscellaneous Bonds	Bank Deposits	
The Kempton Fund, the Gift of Sarah E. Potter		$250,000.00	$257,000.00	$1,000.63	$10,755.00
Sylvia Ann Howland Educational and	Library Fund	100,000.00	101,000.00	354.45	4,054.13
James B. Congdon	Library Fund	500		500.00	20.00
George O. Crocker	Library Fund	10,000.00	10,000.00		400.00
Oliver Crocker	Library Fund	1,000.00		1,000.00	40.00
George Howland, Jr.	Library Fund	1,600.00		1,600.00	64.00
Charles W. Morgan	Library Fund	1,000.00		1,000.00	40.00
Charles L. Wood	Library Fund	2,000.00		2,000.00	80.00
Jonathan Bourne	School Fund	1,000.00		1,000.00	*40.00
		$367,100.00	$368,000.00	$8,455.08	$15,493.16

*$20.00 additional from taxes each year.

CEMETERY PERPETUAL CARE FUNDS.

Deposited in Savings Banks	$187,431.87
Invested in City Properties	26,734.93
	$214,166.80

Respectfully submitted,
WM. S. COOK,
City Treasurer.

ANNUAL REPORT

OF THE

COLLECTOR OF TAXES.

January 1, 1916.

To the City Council of the City of New Bedford.

Gentlemen:—In compliance with the ordinance requiring that the annual report of the Collector of Taxes shall be made to the City Council annually in January, I submit herewith detailed statements of all collections made during the fiscal year ending December 4, 1915, together with a statement of taxes remaining unpaid.

Respectfully submitted,

WILLIAM S. COOK,

Collector of Taxes.

STATEMENT OF SEWER ASSESSMENT.

Name of Sewer.	Debits	Credits.	Uncollected Dec. 4, 1915.
Rockdale Ave.,	$177.38	$177.38	
Armour St.,	176.56	176.56	
Beech St.,	70.07	70.07	
Brownell St.,	274.65	274.65	
Oaklawn St.,	1,127.33	1,127.33	
Rockdale Ave. and Hillman St.,	728.64	728.64	
Yates St.,	162.32	162.32	
Brook and Glennon Sts.,	322.02	322.02	
Bank St.,	230.39	230.39	
Brock Ave. and Aquidneck St.,	299.30	299.30	
Calumet St.,	888.48	888.48	
Chancery St.,	124.24	124.24	
Kempton St.,	134.12	134.12	
North St.,	182.04	182.04	
Sowle St.,	89.66	89.66	
Aquidneck St.,	293.07	293.07	
Cedar Grove St.,	159.68	159.68	
DeWolf St.,	24.86	24.86	
Potter St.,	359.09	359.09	
Allen St.,	1,407.45	605.15	*$802.30
Parker, Caroline and Durfee Sts.,	3,215.91	3,215.91	
Richmond, Roswell and Bullock Sts.,	47.66	47.66	
Rockdale Ave.,	1,052.24	1,052.24	
Winterville Rd.,	360.91	360.91	
Armour St.,	275.29	275.29	
Carroll St.,	130.69	130.69	
Whitman St.,	132.35	132.35	
Acorn St.,	115.03	115.03	
Carroll St.,	148.23	148.23	
Church St.,	270.95	92.46	178.49
Luke St.,	44.80	44.80	
Milford St.,	105.83	105.83	
Mill St.,	57.56	57.56	
Princeton St.,	43.28	43.28	
Query St.,	362.44	108.50	**253.94
Sycamore St.,	166.32	166.32	
Wood St.,	898.41	898.41	
Harvard St.,	3,068.00	367.49	2,700.51
Middle St.,	190.26	97.35	92.91
Topham St.,	805.92		805.92
Topham St.,	536.13		536.13
Brook and Query Sts.,	1,138.00	674.71	***463.29
Hudson St.,	2,467.37	1,207.02	1,260.35
Vernon St.,	217.65	217.65	
Garfield St.,	184.61	170.33	14.28
Rotch St.,	204.89	204.89	
Clinton St.,	780.21	780.21	
Summer St.,	258.42	131.72	126.70

Central Ave.,	126.69	60.45	66.24
Charles St.,	283.75	52.78	230.97
Ernest St.,	208.53	192.76	15.77
Hemlock St.,	649.27	420.68	228.59
Irvington St.,	3,482.20	3,137.47	344.73
Mt. Vernon St.,	285.51	285.51	
Rochambeau St.,	799.37	599.34	200.03
Buchanan St.,	385.17	209.09	176.08
Coggeshall St.,	802.54	802.54	
Lombard St.,	431.97	431.97	
Brook St.,	996.12	273.35	722.77
Totals,	$32,961.83	$23,741.83	$9,220.00

* Assessment against property of City of New Bedford, unpaid.

** Assessment against property of City of New Bedford, $203.43 unpaid.

***Assessment against property of City of New Bedford, $409.59 unpaid.

STATEMENT OF TAX COLLECTIONS.

DR.	1915	1914	1913	1912
Uncollected balances December 5, 1914,		$229,613.97	$11,064.96	$9,419.81
Assessors' warrants in detail, 1915:				
State tax,	$236,340.00			
Grade Crossing tax,	1,080.00			
County tax,	128,315.01			
City tax, Department Appropriations,	1,349,227.00			
City tax, Debt Appropriations,	882,825.00			
Overlay,	25,231.36			
Non-Resident Bank tax,	44,379.36			
Excise taxes, Vessels in Foreign Trade,	8.33			
Excise taxes, Street Railways,	12,787.23			
Additional warrants and re-assessments,		5,835.38		
Total Debits,	$2,680,193.29	$235,449.35	$11,064.96	$9,419.81
CR.				
Collections—Real Estate,	$1,414,736.91	$180,379.03	$576.24	$103.26
Personal,	909,386.29	17,752.40	626.27	
Polls,	34,122.00	14,518.00	36.00	10.00
Resident Bank tax,	34,349.64			
Non-Resident Bank tax,	44,379.36			
Excise taxes, Vessels in Foreign Trade,	8.33			
Excise taxes, Street Railways,	12,787.23	2,873.87		
Abatements—Real Estate,	3,655.32	838.70		
Personal,	3,905.40	2,516.04		704.27
Polls,	150.00	1,650.00	40.00	8,784.00
Tax Titles purchased by City,		90.94		
Total Credits,	$2,457,480.48	$220,618.98	$1,278.51	$9,601.53
Balances uncollected December 4, 1915,	$222,712.81	$14,830.37	$9,786.45	*
Abatements issued by Assessors but not presented,	$32.20	$2.00	$ .50	
Percentages collected from dates of assessment to December 4, 1915,	91.69%	99.43%	99.56%	

*Excess of collections over warrants, $181.72.

PERCENTAGES OF COLLECTIONS OF WARRANTS FOR 1915 TAXES.

	Assessments.	Collected and Abated.	Uncollected.	Per Cent. Collected.
Real estate,	$1,598,533.35	$1,418,392.23	$180,141.12	88.73 %
Personal estate,	928,087.38	913,291.69	14,795.69	98.40 %
Polls,	62,048.00	34,272.00	27,776.00	55.23 %
Totals,	$2,588,668.73	$2,365,955.92	$222,712.81	91.69 %

NATIONAL BANK TAXES IN DETAIL.

Name of Bank.	Due City.	Due State.	Totals.
First National,	$13,153.20	$16,861.80	$30,015.00
Mechanics National,	7,808.51	9,165.49	16,974.00
Merchants National,	13,387.93	18,352.07	31,740.00
Totals as figured by Assessors,	$34,349.64	$44,379.36	$78,729.00
Added by Tax Commissioner,		1,685.69	
Deduction from City,	1,685.69		
Revised totals,	$32,663.95	$46,065.05	$78,729.00

STREET RAILWAY EXCISE TAXES IN DETAIL.

Bay State Street Railway Co.,	$2,788.84
Union Street Railway Co.,	9,998.39
Total,	$12,787.23

We have examined the foregoing and believe the same to be correct.

EDWARD O. KNOWLES,
CHARLES L. FISHER,
WILLIAM J. FRANCIS,

Sub-committee of the Joint Standing Committee on Finance, appointed to examine the books and accounts of the City Treasurer, Collector of Taxes, and City Auditor.

REPORT OF THE

Treasurer of the Sinking Funds.

City of New Bedford, Mass.
January 1, 1916.

To the Commissioners of the Sinking Funds of the City of New Bedford.

Gentlemen:—Herewith find a statement of my accounts as Treasurer of the Sinking Funds for the year 1915, together with a list of the securities in the fund.

DR.

Par value of Sinking Funds investments, close of 1914,	$1,948,894.26
City of New Bedford, from taxation,	61,513.00
from water revenue,	27,930.00
from wharf revenue,	1,061.00
Premium Account,	13,826.40
Interest Account,	74,951.85
	$2,128,176.51

CR.

Accrued interest on securities purchased,	$2,712.39
Premium on securities purchased,	666.60
Sinking Fund No. 52, matured July 1, 1915,	110,000.00
Par value of Sinking Funds investments, close of 1915,	2,014,797.52
	$2,128,176.51

INVESTMENT OF NEW BEDFORD SINKING FUNDS, 1915.

1916	Jan.	1	Malden,	4	$10,000.00	
	Mar.	1	Fall River,	4	5,000.00	
	May	1	Quincy,	4	1,000.00	
	July	1	New Bedford,	4	5,000.00	
	Aug.	1	Fall River,	4	19,000.00	
	Oct.	1	Framingham,	4	5,000.00	
	Oct.	1	New Bedford,	4	9,000.00	
						$54,000.00
1917	Jan.	1	Chicago,	4	$25,000.00	
	Feb.	1	New Bedford,	4	21,000.00	
	Feb.	1	West End St. Ry.,	4	16,000.00	
	Mar.	1	New Bedford,	4	38,000.00	
	Apr.	1	Minneapolis,	4	36,000.00	
	Apr.	1	Waltham,	4	6,000.00	
	May	1	Quincy,	4	3,000.00	
	June	1	Albany,	4¼	6,500.00	
	June	1	Northwestern Union,	7	6,000.00	
	July	1	Milwaukee,	4	5,000.00	
	July	1	New Bedford,	4	5,000.00	
	July	1	Somerville,	4	2,000.00	
	Aug.	1	West End St. Ry.,	5	50,000.00	
	Oct.	1	Boston,	4	3,000.00	
	Oct.	1	Gloucester,	3½	5,000.00	
	Dec.	15	Newport (Note),	4½	8,000.00	
						$235,500.00
1918	Feb.	1	New Bedford,	3½	$4,000.00	
	Apr.	1	Pittsburg,	3¼	50,000.00	
	May	1	Quincy,	3½	1,000.00	
	May	1	Quincy,	4	3,000.00	
	July	1	Burlington & Mo. River,	6	1,000.00	
	July	1	New Bedford,	4	5,000.00	
	Aug.	1	Medford,	4	30,000.00	
	Aug.	1	New Britain,	4	25,000.00	
	Sept.	1	Orange,	4	3,000.00	
	Oct.	1	Clinton,	3½	1,000.00	
	Oct.	1	Wakefield,	4	9,000.00	
	Nov.	1	New York,	3½	14,000.00	
						$146,000.00
1919	Feb.	1	New Bedford,	3½	$7,000.00	
	May	1	Quincy,	3½	1,000.00	
	May	1	Quincy,	4	3,000.00	
	July	1	Boston,	3½	10,000.00	
	Sept.	1	Orange,	4	3,000.00	
	Oct.	1	Clinton,	3½	2,000.00	
	Oct.	1	C., B. & Q.,	4	6,000.00	
	Dec.	1	Saginaw,	4	10,000.00	
						$42,000.00
1920	May	1	Quincy,	3½	$1,000.00	
	May	1	Quincy,	4	3,000.00	
	May	1	Watertown,	4	3,000.00	
	June	1	New Bedford,	3½	66,000.00	

	July	1	Syracuse,	3½	5,000.00	
	Dec.	1	Citizens Electric Ry.,	5	1,000.00	
						$79,000.00
1921	May	1	Quincy,	3½	$1,000.00	
	May	1	Quincy,	4	3,000.00	
	July	1	New Bedford,	4	3,000.00	
	Oct.	1	Clinton,	3½	1,000.00	
	Oct.	1	Fitchburg, R. R ,	3½	15,000.00	
	Oct.	1	Haverhill,	4	20,000.00	
	Nov.	1	Boston & Maine,	3½	2,000.00	
	Dec.	1	Middletown,	3½	5,000.00	
						$50,000.00
1922	Jan.	1	Lynn,	4	$5,000.00	
	Mar.	1	New Bedford,	3½	3,000.00	
	Mar.	1	Providence,	4	8,000.00	
	May	1	Quincy,	4	3,000.00	
	June	1	Boston,	3½	2,000.00	
	July	1	Barre,	3½	3,000.00	
	July	1	Prov. & Springfield Ry.,	5	20,000.00	
	Dec.	1	Haverhill,	4	5,000.00	
						$49,000.00
1923	Jan.	1	Chicago,	4	$2,000.00	
	Feb.	1	New Bedford,	3½	3,000.00	
	Apr.	1	Lynn,	4	4,000.00	
	Apr.	1	Saginaw,	4	10,000.00	
	May	1	Quincy,	4	1,000.00	
	May	15	Newport,	4	15,000.00	
	Sept.	1	Commonwealth of Mass.,	3	5,000.00	
	Oct.	1	Saginaw,	4	10,000.00	
	Nov.	1	Commonwealth of Mass.,	3½	3,000.00	
	Dec.	1	Boyer Valley, R. R.,	3½	55,000.00	
	Dec.	15	Brockton,	4	1,000.00	
						$109,000.00
1924	Jan.	1	Bridgeport,	4	$6,000.00	
	Jan.	1	Chicago,	4	3,000.00	
	Jan.	1	Kansas City,	4	34,000.00	
	Feb.	1	Cambridge,	4	4,000.00	
	Feb.	1	Old Colony R. R.,	4	6,000.00	
	Mar.	1	Indianapolis,	4	5,000.00	
	Apr.	1	Brockton,	4	7,000.00	
	Apr.	1	New Bedford,	4	4,000.00	
	Apr.	1	Newton,	4	19,000.00	
	Apr.	1	Woonsocket,	4	3,000.00	
	May	2	Malden,	4	5,000.00	
	June	1	Minn. & Iowa, R. R.,	3½	5,000.00	
	June	30	Indianapolis,	4	5,000.00	
	July	1	Mil., L. S. & Western,	6	3,000,000	
	July	1	New Britain,	4	9,000.00	
	Aug.	1	Cambridge,	4	32,000.00	
	Dec.	15	New Bedford,	4	20,000.00	
						$170,000.00
1925	May	1	Kennebec,	3½	$10,000.00	
	May	2	Malden,	4	20,000.00	
	July	1	New Bedford,	4	5,000.00	

	July	1	New Bedford,	3½	24,000.00	
	Aug.	1	Troy,	4	10,000.00	
						$69,000.00
1926	Mar.	1	Peoria & N. W.,	3½	$5,000.00	
	Apr.	1	New Bedford,	4	1,000.00	
	July	1	Attleboro,	4	18,000.00	
	Aug.	15	Chicago & N. W.,	4	10,000.00	
	Sept.	1	Boston & Maine,	4	25,000.00	
						$59,000.00
1927	Jan.	1	New Bedford,	4	$9,000.00	
	Jan.	1	Waltham,	4	2,000.00	
	Mar.	1	Fitchburg R. R.,	4	5,000.00	
	May	1	C., B. & Q.,	4	5,000.00	
	May	1	New Bedford,	4	52,000.00	
	May	1	Newton,	4	16,000.00	
						$89,000.00
1928	Feb.	1	New Bedford,	3½	$3,000.00	
	May	1	Portland & Ogdensburg,	4½	5,000.00	
	July	1	Worcester,	4	17,000.00	
						$25,000.00
1929	Feb.	1	Mil., L. S. & W.,	5	$30,000.00	
	July	1	Amer. Tel. & Tel. Co.,	4	25,000.00	
	Oct.	1	Chicago & N. W.,	5	18,000.00	
	Oct.	1	Chicago & N. W.,	6	5,000.00	
	Oct.	1	St. Louis,	4	10,000.00	
						$88,000.00
1930	Jan.	1	Commonwealth of Mass.,	3	$50,000.00	
	Mar.	1	Brockton,	3½	10,000.00	
						$60,000.00
1931	Nov.	1	Commonwealth of Mass.,	3	$25,000.00	
						$25,000.00
1932	Mar.	1	New Bedford,	3½	$3,000.00	
	Aug.	1	West End St. Ry.,	4	49,000.00	
						$52,000.00
1933	May	1	Boston & Albany,	4	$5,000.00	
						$5,000.00
1934	Aug.	1	Augusta,	4	$40,000.00	
						$40,000.00
1935	Mar.	1	Westerley,	3½	$8,000.00	
	Apr.	1	Northern Maine Seaport,	5	35,000.00	
	May	1	Boston Elevated,	4	25,000.00	
	July	1	South Norwalk,	4	3,000.00	
	Sept.	1	South Norwalk,	4	5,000.00	
						$76,000.00
1938	July	1	Kalamazoo, Al. & G. R.,	5	$4,000.00	
	Dec.	1	Stamford,	4	5,000.00	
						$9,000.00
1940	July	1	Erie & Pittsburg,	3½	$50,000.00	
						$50,000.00
1942	May	1	Quincy,	3½	$1,000.00	
						$1,000.00
1943	Jan.	1	Bangor & Aroostook,	5	$29,000.00	
						$29,000.00
1944	Jan.	1	Boston & Maine,	4½	$5,000.00	

	Mar.	1	St. Johnsbury & L. Champlain,	5	11,000.00	
						$16,000.00
1945	July	1	New England R. R.,	4	$13,000.00	
						$13,000.00
1946	July	1	Boston Terminal,	4	$20,000.00	
						$20,000.00
1949	July	1	C., B. & Q.,	3½	$36,000.00	
	July	1	C., B. & Q.,	4	39,000.00	
						$75,000.00
1951	Aug.	1	Illinois Central,	3	$25,000.00	
	Sept.	1	Michigan Central,	3½	12,000.00	
						$37,000.00
1952	May	1	Michigan Central,	3½	$30,000.00	
						$30,000.00
1953	July	1	Illinois Central,	3½	$22,000.00	
						$22,000.00
1954	Jan.	1	Washington Co. R. R.,	3½	$16,000.00	
	Apr.	1	N. Y., N. H. & H.,	3½	11,000.00	
	May	1	N. Y., N. H. & H.,	4	35,000.00	
	May	1	Naugatuck R. R.,	4	4,000.00	
						$66,000.00
1955	July	1	N. Y., N. H. & H.,	4	$53,000.00	
						$53,000.00
1956	May	1	N. Y., N. H. & H.,	4	$25,000.00	
						$25,000.00
1957	Jan.	1	New Bedford,	4	$5,000.00	
						$5,000.00
1958	Mar.	1	C., B. & Q.,	4	$10,000.00	
						$10,000.00

Total	$1,983,500.00
Savings Bank Deposits	9,370.52
Cash on Deposit	21,927.00
Securities at Par, close of 1915	$2,014,797.52

Respectfully submitted,

WM. S. COOK,

Treasurer.

Distribution of the receipts from taxation, water and wharf revenue appropriations, and net income from the invested funds, is shown in the following table, which also shows the standing of the various Sinking Fund accounts at this date:

No.	Fund.	Payable.	Appropriations.	Income.	Total of Fund.
49	$100,000 High School Bonds,	July 1, 1925	$3,613.00	$1,966.39	$46,392.42
50	21,000 School Bonds,	July 1, 1925	759.00	513.77	12,121.18
51	62,000 Sewer Bonds,	July 1, 1935	1,265.00	1,033.32	24,378.87
57	28,000 Municipal Bonds,	Dec. 1, 1917	2,372.00	978.15	23,077.16
56	97,000 Municipal Bonds,	Oct. 1, 1917	8,215.00	3,486.65	87,924.89
58	15,000 Highway Bonds,	Dec. 16, 1917	1,270.00	521.45	12,302.46
9	20,000 Water Bonds,	Apr. 1, 1918		885.24	20,000.00
18	100,000 Park Bonds,	Apr. 1, 1942	861.00	1,513.53	35,708.19
23	120,000 Water Bonds,	Apr. 1, 1924	2,450.00	3,538.39	84,365.26
24	1,200,000 Water Bonds, Apr. 1, 1926 &	Jan. 1, 1927	24,500.00	30,496.05	719,483.56
25	58,000 Sewer Bonds,	Apr. 1, 1925	1,184.00	1,637.85	38,641.29
55	20,000 Engine House Bonds,	May 1, 1927	723.00	348.36	8,218.65
28	128,000 School Bonds,	Mar. 1, 1917		5,665.55	128,000.00
29	69,000 Sewer Bonds,	Mar. 1, 1927	1,408.00	1,702.05	40,155.88
30	52,000 Wharf Bonds,	May 1, 1927	2,122.00	1,540.00	36,332.63
31	35,000 Sewer Bonds,	Feb. 1, 1928	714.00	831.91	19,626.96
32	92,000 School Bonds,	Feb. 1, 1918		3,839.54	90,584.99
35	30,000 School Bonds,	Feb. 1, 1919	1,084.00	1,228.11	28,974.43
36	33,000 Sewer Bonds,	Feb. 1, 1929	674.00	762.22	17,982.91
37	200,000 School Bonds,	June 1, 1920	7,226.00	7,546.03	178,031.18
38	48,000 Water Bonds,	June 1, 1930	980.00	1,066.37	25,158.47
40	30,000 Sewer Bonds,	Mar. 1, 1932	613.00	547.36	12,913.65
41	65,000 School Bonds,	Mar. 1, 1922	2,350.00	1,714.96	40,460.60
43	120,000 School Bonds,	Feb. 1, 1923	4,335.00	3,290.94	77,642.19
47	50,000 School Bonds,	Dec. 1, 1923	1,807.00	1,426.77	33,661.39
48	30,000 Sewer Bonds,	Dec. 1, 1933	613.00	526.61	12,424.16
39	28,000 Park Bonds,	July 1, 1951	246.00	254.42	6,002.46
54	72,000 Park, Bridge Approach Bonds,	Jan. 1, 1957	620.00	379.51	8,953.58
53	777,000 Bridge Bonds,	Jan. 1, 1957	6,900.00	3,678.47	86,784.99
59	50,000 Highway Bonds of 1910,	July 1, 1920	6,500.00	1,164.42	27,471.71
60	50,000 Municipal Bonds,	Oct. 1, 1920	4,500.00	1,177.55	27,781.62
61	14,000 School Bonds,	Dec. 1, 1930	600.00	137.32	3,239.79
			$90,504.00	$85,399.26	$2,014,797.52

DIVISION OF SINKING FUNDS.

Municipal Loans	$945,615.96
Water Loans	849,007.29
Park Loans	41,710.65

REPORT OF THE

Commissioners of the Sinking Funds.

City of New Bedford,
March 9, 1916.

To the City Council of the City of New Bedford, Mass.

Gentlemen:—At a meeting of the Commissioners of the Sinking Funds of the City of New Bedford, held at this date, it was

Voted:—To adopt the foregoing statement of the Treasurer of the Sinking Funds as the report of the Commissioners of the Sinking Funds of the City of New Bedford, required by the Statutes of the Commonwealth of Massachusetts to be made annually to the City Council.

WM. A. MACKIE,
CHAS. S. KELLEY, JR.,
Commissioners of the Sinking Funds.

James P. Francis,
Certified Public Accountant.
Masonic Building.

New Bedford, Mass.
March 88, 1916.

William A. Mackie, Esq.
John T. Bullard, M. D.
Charles S. Kelley, Esq.

Commissioners of the New Bedford Sinking Funds.

Dear Sirs:—I have finished my examination of the books and accounts of the Treasurer of the Sinking Funds for the year ending December 31, 1915, and hereby certify that they are correct. I have also examined the securities representing the investments, and have found them as stated in his report.

Yours very truly,

JAMES P. FRANCIS,

Certified Public Accountant.

New Bedford, Mass.,
January 1, 1916.

To the City Council of the City of New Bedford:

The Trustees of the Kempton Fund herewith submit the following as their Eighth Annual

REPORT.

During the past year there has been no change of the securities in which the fund of the Kempton Trust, the Gift of Sarah E. Potter, of $250,000.00 is invested.

Under the provisions of City Ordinances approved by the Mayor February 26, 1914, and March 12, 1914, the Trustees of the Kempton Fund are also charged with the management, direction and control of the investment of the following trusts, viz:

Sylvia Ann Howland Educational and Library Fund,	$100,000.00
George O. Crocker Library Fund,	10,000.00
Charles L. Wood Library Fund,	2,000.00
Oliver Crocker Library Fund,	1,000.00
George Howland, Jr. Library Fund,	1,600.00
Charles W. Morgan Library Fund,	1,000.00
James B. Congdon Library Fund,	500.00
Jonathan Bourne School Fund,	1,000.00

The gross amount of income which has been received by the Trustees is $15,508.16, and this amount less $15.00 expended by the Trustees for rental of safe deposit box at the Mechanics National Bank, has been paid to the City Treasurer, as provided in the several Trusts and the City Ordinances.

FREDERIC TABER,
ABBOTT P. SMITH,
THOMAS S. HATHAWAY,

Trustees.

SYLVIA ANN HOWLAND EDUCATIONAL AND LIBRARY FUND.

Par Value		Cost	Rate	Annual Income
$50,000.00	State of California,	$48,646.80	4%	$2,000.00
25,000.00	City of New Bedford,	25,000.00	4%	1,000.00
1,000.00	City of Brockton,	998.75	4%	40.00
25,000.00	City of Marlboro,	25,000.00	4%	1,000.00
354.45	N. B. Inst. for Savings Deposit,	354.45	4%	14.16

GEORGE O. CROCKER LIBRARY FUND.

Par Value		Cost	Rate	Annual Income
$10,000.00	City of Providence,	$10,000.00	4%	$400.00

CHARLES L. WOOD LIBRARY FUND.

Par Value		Cost	Rate	Annual Income
$2,000.00	N. B. Inst. for Savings Deposit,	$2,000	4%	$80.00

OLIVER CROCKER LIBRARY FUND.

Par Value		Cost	Rate	Annual Income
$1,000.00	N. B. Inst. for Savings Deposit,	$1,000.00	4%	$40.00

GEORGE HOWLAND, JR., LIBRARY FUND.

Par Value		Cost	Rate	Annual Income
$1,600.00	N. B. Inst. for Savings Deposit,	$1,600.00	4%	$64.00

CHARLES W. MORGAN LIBRARY FUND.

Par Value		Cost	Rate	Annual Income
$1,000.00	N. B. Inst. for Savings Deposit,	$1,000.00	4%	$40.00

JAMES B. CONGDON LIBRARY FUND.

Par Value		Cost	Rate	Annual Income
$500.00	N. B. Inst. for Savings Deposit,	$500.00	4%	$20.00

JONATHAN BOURNE SCHOOL FUND.

Par Value		Cost	Rate	Annual Income
$1,000.00	N. B. Inst. for Savings Deposit,	$1,000.00	4%	$40.00

Twenty-Third Annual Report

OF THE

ENGINEERING DEPARTMENT

CITY OF NEW BEDFORD

BY THE

CITY ENGINEER

FOR THE YEAR 1915

NEW BEDFORD
THE A. E. COFFIN PRESS, PRINTERS
1916

NEW BEDFORD

December 4, 1915.

Set off from Dartmouth.....1787
Incorporated as a city.....1847

Area—Land....12,206 acres
Ponds.... 200 "
Land and ponds.....12,406 acres – 19.39 sq. miles
Tidal waters..... 8,467 "

20,873 " – 32.614 " "

Length.....10.78 miles
Breadth (maximum).....3.10 "
Population (estimated).....111,000
Valuation.....$111,346 538
Valuation per capita.....$1,003.12
Accepted streets.....186.60
Bridges (3).....0.796 miles in New Bedford
Sewers, exclusive of intercepting .....119,909 miles

Length of Intercepting Sewer constructed :

Outfall.....0.626 miles
Interceptor.....5.688 "

ENGINEER'S REPORT

City of New Bedford,
Engineering Department,
January 1, 1916.

To the City Council of the City of New Bedford:

Gentlemen:—In compliance with section 5 of the ordinance defining the duties of the City Engineer, I respectfully submit the following report of the expenses and operations of the Engineering Department for the year ending December 4, 1915.

EXPENDITURES.

Salaries and pay rolls	$18,282.44	
Telephone	76.94	
Local transportation	701.18	
Drawing supplies	157.55	
Blueprint materials	177.93	
Printing, stationery, advertising, etc.	229.77	
Sundry supplies	116.55	
Office furniture and repairs	43.45	
Platting system expenses	102.10	
General instruments for office and field	312.11	
Traveling expenses, express, postage, etc.	109.56	
Printing annual report	48.00	
Public statutes and reference books	13.75	
Meteorological instruments	59.56	
Boundstones	3.15	
Sundry labor not in pay roll	49.67	
		$20,483.71
Balance		16.29
		$20,500.00

RECEIPTS.

Appropriation, regular	$19,000.00	
" special	1,500.00	
		$20,500.00

EXPENDITURES.

Gross	$20,483.71

RECEIPTS.

By credit to Miscellaneous Revenue of 1915:

Cash from sale of blueprints, printing materials and maps	$531.64	
Plans of poles and conduits under Section 12, Chapter 335 of Acts of 1914	513.30	
	$1,044.94	
Net expenditures	19,438.77	
		$20,483.71

The usual work of the department has been carried out during the year, the nature and cost of which is clearly set forth in the table of general classification of work.

The Board of Aldermen this year renewed the practice of referring all street matters to the Committee on Streets, and estimates of the cost on all work considered have been furnished that committee by this department.

The Street Department has purchased equipment this year for doing all permanent street surfacing formerly done by contract. This has required more time from this department than heretofore in giving lines and grades in detail.

In the following pages I have attempted to give a general review of the work done during the year, together with some suggestions for the future.

SEWERS.

There has been a great falling off in the amount of sewer construction during the last two years, although the number of new dwellings for the corresponding period has shown only a slight decrease. This is plainly shown in the following table:

	Expended for Sewers.	New Dwellings.	New Tenements.
1910	$99,137.05	639	1812
1911	80,696.47	485	1117
1912	165,658.60	379	896
1913	223,452.18	425	820
1914	66,694.96	406	808
1915	72,129.75	383	699

As practically all the sewers petitioned for have been granted, this would seem to indicate that nearly all the sewers needed had been built in the district where the bulk of construction is now in progress.

It now becomes a question of judgment as to the best policy to pursue in the construction of trunk sewers into new and undeveloped country. It would seem better to

do some of the work on the trunk sewers in advance of the demand rather than be forced to construct them at the same time that we do the laterals and thus bring an excessive expense in one year, as in 1913, when nearly a quarter of a million dollars was expended on sewer construction.

The section of the city north of Brooklawn Park and east of Bowditch street is provided with the sanitary sewers of a separate system, and many houses of a good class have already been built in this location. There is at present absolutely no provision for the drainage of the surface water from this entire district, and in the case of Hersom street not even the sanitary sewers have yet been built. Numerous petitions have been received for relief from these conditions, and it would seem that the most urgent need for sewer extensions for the next year is in this district.

The relief for this condition lies in the acceptance of several streets, as approved by the Board of Survey this year, and the construction of a large surface water sewer and sanitary sewer to extend as far as Belleville avenue at least, where the sewage can be cared for in the Belleville avenue sewer, which is soon to be connected with the intercepting sewer system. All of this sewage will require pumping and ought on that account to be kept as free as possible from storm water. The surface water drain, which will follow closely the present water course, can drain, for some time to come, through the brook which lies in this valley from Belleville avenue to the river.

Perhaps the next section in importance is that lying west of Bowditch street, from Query street northerly. There is a summit about 450 feet west of Bowditch street which prevents the drainage of property west of that point through the sewers to the river. The natural drainage is to the swamp and brook near Church street. Considerable building west of this summit has already been done, and numerous petitions have been received for

sewers that could not be provided. This situation will be relieved by the construction of the sewer and surface water drain which now ends at the brook in Query street, followed by the construction of the lateral sewers as petitioned for.

The former owners of the Oneko Mill property set great value on a small pond fed by the above mentioned brook, which lies between Bowditch street and the New York, New Haven & Hartford Railroad, and were insistent upon its preservation for their use. The result has been that where the brook formerly flowed through a marshy district with a dense growth of wood and underbrush, there are today houses, streets and catch basins; and a surface drain 36 inches in diameter replacing the brook. Below the mill property the valley of the brook has been entirely built up, and the brook cut off except for such outlet as it has into small sewers in the vicinity of the mill. The resultant quick rush of storm water, together with the restriction of its means of outlet, has caused flood conditions on the mill property.

The new owner of the mill is as anxious to be rid of the water as the former owners to conserve it. If the city is to furnish such relief, a preliminary study of the case indicates that the best method will be by the construction of a new sewer connecting with the Sawyer street sewer and extending from Sawyer street through Purchase and Deane streets to Brook street and diverting the flow of the surface water drain at this point.

Another section which will require a trunk sewer before it can be built on lies north of Maxfield street and west of Liberty. A large part of this land is now on the market, but as yet much filling is to be done. This section can be drained by an extension of the Tripp's brook relief sewer which now terminates at Kempton street.

The main system for the relief of the Shawmut avenue valley has not been completed and the portion already built, while doing good service in the removal of ground

water and providing dry cellars for the Topham street neighborhood, cannot be utilized for the removal of sewage until after the completion of the entire system.

Acushnet avenue, north of Balls Corner, lies on a ridge, and it will be necessary, in the near future, to care for this district by the construction of sewers both east and west of the avenue. This district is nearly all divided by streets and cut into house lots, and many buildings have been erected. This section will be a very expensive one to drain and will require foresight to secure streets located in the proper place to prevent excessive cost for damages.

All schedules for sewer assessments this year have been prepared in accordance with the order passed by the Board of Aldermen, December 10, 1914, the object of which was to equalize the assessments paid for sewer benefits.

The method seems to be entirely successful as there have been no excessive charges. The sewers built this year have been in the class calling for the maximum assessment of 75% of the cost of the sewer, yet the average cost for the drainage of a 50-foot lot has been only $37.13 this year, and of a 40-foot lot only $29,704.

In accordance with Chapter 227 of the Acts of 1915, assessment plans and schedules have been made for the purpose of recording in the Registry of Deeds. The Act requires that the plans shall be made to show the lots as they existed on April first previous to the completion of work, while the description is required of metes and bounds as they exist at the time the assessment is made. As an interval of two years is possible between these events, some of the plans do not bear any resemblance to the lots described. This is sure to be very confusing and I feel that this section should be amended in such manner as to cause the plans and descriptions to be of one date, and that date preferably that on which the sewer was ordered and an incumbrance really placed on the land.

Work on the intercepting sewer has progressed continuously through the year and at the present time the flow of all sewage has been intercepted from the upper part of Clarks Cove and from that part of the city lying west of Second street, Water street, and Acushnet avenue as far north as Logan street. The details of this work, together with the costs, are given fully in the report of William F. Williams, Consulting Engineer, which is made a part of this report.

CITY PLANNING AND STREET WORK.

Under this heading much is being written today, and a city planning board seems to be considered the modern cure-all for the various problems confronting cities. It is true that the only way to secure the best results from large expenditures for streets is by following out a carefully studied and prepared system, which will approach the ideal as near as possible within the limit of funds available and taking into account also existing conditions. The mere creation of a planning board does not secure this, but too often, I think, results in the appointment of new commissions having jurisdiction over the same subjects already under the management of other authorities and with almost unlimited powers to recommend but not to execute. This is sure to lead to conflict of authority and unsatisfactory results.

The Board of Survey of this city was established by law with the idea in view of avoiding some of these difficulties by constituting the Board of Mayor and Aldermen to act as a board of survey or planning board; thus those authorities having the consideration of the acceptance of streets and the providing for the cost of construction of the same have also to consider the planning for the future. Under this act the City Clerk has the custody of all records and plans belonging to this board as well as the acceptance plans; also the same engineer who has charge

of the layout work makes the studies and plans for extensions and projected sewer systems for the same, designed to harmonize with present conditions.

This Board of Survey has now been in operation more than a year. During this time it has passed on eight plans submitted by real estate owners and has projected three plans on its own initiative. These plans cover 17.77 miles of streets and their final adoption was without opposition of any owner or abutter.

It is proposed this winter to make surveys, take levels, etc., as far as possible, in the undeveloped districts of the city with the ultimate object of making a comprehensive plan whereby the future locations of streets throughout the city can be determined.

In May of this year, a committee made a study for the development of heavy traffic streets. At the south end it was decided to extend the block paving laid last year in Front street from Gifford to Potomska streets northerly to Howland street, and at the north end to pave Cedar Grove street from Front street to Belleville avenue, and Belleville avenue from Cedar Grove street to Belleville road. This will eventually give a wide, level street through the heart of the manufacturing section of the north end from the center of the city to Tarkiln Hill road.

During the year, 2.037 miles of streets have been accepted, making the total length of accepted streets at the present time 186.6 miles. Four streets have been widened and the lines of one altered. On two streets the grade has been changed and on West French avenue a plan establishing the grade and method of developing the street as a boulevard was accepted.

This latter plan provides for a 24-foot roadway, so arranged as to be readily widened when necessary, two sidewalks and three grass and tree spaces. The outer grass plot, 14 feet in width, is in full view of the cove, on the shore of which the city owns practically the entire frontage. A large portion of the shore is now under the

jurisdiction of the Park Board. With its exceptionally fine location and arrangement, this street should provide a magnificent parkway for the future. It ought, however, to be constructed as soon as possible as it is now nearly impassable. Also trees of a suitable species to withstand the exposed situation near the salt water should be set out.

Five streets, which have presented a difficult problem for solution for several years have been accepted, viz.: Arlington and Concord streets, across land which was sold in house lots and lying between Acushnet avenue and Bowditch streets where the length of the blocks was over 2,000 feet, these streets dividing the distance approximately into thirds; Elm street, from Reed street to Rockdale avenue, where the original owner had reserved to himself a strip of land 40 feet wide in line of Elm street to the east, and parties buying adjacent lots had built houses fronting on this land, thinking it a street; Mapleview terrace, from Tremont street west as far as thrown out; and Wood street, from Acushnet avenue to Belleville avenue.

On the latter street there still remains an entire block to be accepted before there is a direct connection from Acushnet avenue to the new bridge across the Acushnet river.

Of the above, Arlington, Concord and Elm streets were accepted under the provision of law authorizing the assessment of betterments.

On October 29, 1915, Union street, from Front street to Acushnet avenue, was widened fourteen feet on the south side, making a continuation of the work already completed from Acushnet avenue to Sixth street.

A conference was held with President Elliot, of the N. Y., N. H. & H. Railroad, at which the probability of the location of the passenger station at the foot of Union street was discussed. Mr. Elliot admitted the general desirability of this location. The question is complicated, however, with the problem of handling the boat freight

and the storage of necessary cars in a cramped place. In an undertaking of this magnitude careful study must be given to be sure that the changes proposed will give ample accommodation for fifty years or more, otherwise the expenditure would be unwarranted. This department has submitted plans, sketches and data of various kinds, and the engineers of the railroad are now giving the matter a thorough study.

The construction work of the Union and Purchase street widenings, made in 1913, was fully completed in June and a portion of the cost of the same assessed upon the abutters and on the Union Street Railway. The latter has contested the payment and taken its claim to the Supreme Court where it will be necessary for the City to contest the case. The amount of money involved is $139,000.

The old stone causeway across Turner's Pond was torn down and rebuilt this year at a cost of about $6,500. The old structure was rapidly falling to pieces and had become dangerous. The roadway was widened to 30 feet on the top with side slopes of 2 to 1, paved with large stones from the old wall up to a point about two feet above the spillway at the dam at Turner's Mill. The culvert was constructed of reinforced concrete with side walls supporting reinforced concrete slabs. The opening is about 5 by 10 feet and is smooth and free from obstructions. This gives a considerable increase of capacity over the other culvert.

PLATTING SYSTEM.

The following is a record of conveyance of real estate copied at the Registry of Deeds, at New Bedford, and reported to the Board of Assessors each month by this department.

TRANSFERS.

December,	1914	114
January,	1915	122
February,	"	106
March,	"	198
April,	"	165
May,	"	169
June,	"	194
July,	"	215
August,	"	218
September,	"	189
October,	"	190
November,	"	114
Total		1,994

Two full sets of blue prints of the plats, 159 in number, are furnished the Board of Assessors in April of each year. These plats and indexes in this and the Assessors' office are corrected to date each day.

During the year the records of 188 estates have been looked up in the Probate Court at Taunton and the changes in ownership reported to the Assessors.

Thirteen new tracings of plats have been made to replace old tracings, and one entirely new plat has been made to take care of a cut-up in the farming district.

December 1, 1915, there were 39,681 lots shown on the plats.

Sewers have been shown on all the plats.

METEOROLOGICAL RECORDS.

Our meteorological records this year show maximums in several cases.

On January 12 and 13 a heavy storm with snow occurred in which the wind velocity was 90 miles—the highest that we have ever recorded.

On June 18 a rainfall occurred which lasted for 36 minutes with a total precipitation of .68 of an inch. The maximum rate was 4.32 inches per hour for 6 minutes, and a rate of 2.12 per hour prevailed for 17 minutes.

On June 26 there was a thunder storm lasting one hour with a total precipitation of .85 of an inch and a maximum of 6 inches per hour for 6 minutes. This is the maximum rate we have ever recorded. The highest rate fortunately occurred at the beginning of the storm. The dry streets, by retarding the rush of water to the sewers, prevented serious flooding. As we use a rainfall of 1½ inches per hour in estimating sewers, this record gives cause for thought.

On December 26, with a gale of 60 miles per hour, which shifted from southwest to northwest, the high tide was 2.7 above and the low tide 7.85 below mean high water. This is a range of tide 10.55 feet in one day and is the lowest low tide we have ever recorded. The New Bedford Gas & Edison Light Company and the Union Street Railway Company were obliged to shut down their power plants. If this tide had occurred on a week day, all the mills depending on the river for their condense water would probably have been unable to run during the time of the extreme low tide.

POLES AND WIRES.

Under Chapter 335 of the Acts of 1914, all poles, conduits, manholes, etc., of the wire using companies were located, and sectional maps, similar to those used for the assessment plans, have been made covering that part of the city designated in the act. These give, in addition to the above information, lot frontages and a designating number corresponding to the assessment plan in order that the owners of abutting property on any street may be readily determined by reference to the assessment index.

These plans are corrected constantly for all changes and additions and a set of blueprints from them furnished to the Inspector of Wires each year.

The work was done by this department during the winter months without the employment of additional help, one half of the cost being borne by the public service corporations in accordance with the Act.

In January the committee specified in the Act met and recommended the removal of wires from one mile of streets, the section selected being directly west of the business center of the city. The Board of Aldermen ordered this work done and the various companies completed the removal before the end of the year.

The assistants who have been employed in this department during the yar are:

Assistant Engineer—Leonard J. Hathaway, Jr.

Field—Arthur C. Kirby, Elmer L. Deane, Edward F. Mulally, Walter E. Wilson, *Ellsworth B. Tolman, Manuel M. Enos, James M. Hayes, Randall S. Coe, *Walter Martin, Merton J. Batchelder.

Office—Clifford L. Wade, Paul G. Covill, Benjamin F. Howe, Wilfred T. Fahey.

Plotting system—Edward M. Slocum and Norman Barstow.

Clerks—Jessie Loughlin and Marion L. Clarke.

*Part of the year.

Respectfully submitted,

GEORGE H. NYE,
City Engineer.

GENERAL CLASSIFICATION OF WORK.	ASSISTANTS' TIME AND COST.					
	Office.		Field			
	Time	Cost	Time	Cost	Total Cost	
City Government and Committees :						
Court and hearing plans, etc.	362	$ 193.78	1,229	$386.82	$ 580.60	
Sewer investigation	371	214.45	274	86.63	301.08	
Sewer assessments	112	61.59			61.59	
Street layouts	888	479.00	542	166.38	645.38	
Wharf and harbor work	19	10.26	168	47.68	57.94	
Miscellaneous	95	53.24	179	66.84	120.08	$1,766.67
Assessors :						
Records, plans, surveys	4,386	2,392.10	209	55.84	2,447.94	2,447.94
Cemeteries :						
Surveys, lines, grades, records, plans, etc.	97	64.75	177	58.06	122.81	122.81
Engineering Department :						
Levels, profiles, etc. for establishing grades of streets	16	8.08	12	3.02	11.10	
Boundstones and benchmarks	26	11.44	1,004	320.57	332.01	
Blue printing	1,722	451.04			451.04	
Clerical work	3,106	1,095.70			1,095.70	
Drain records	889	287.35	9	3.24	290.59	
Meteorological instruments	735	251.93			251.93	
Miscellaneous	2,373	970.24	67	24.70	994.94	
Office records, plans, indexing	1,438	627.83	28	6.91	634.74	
Street numbering	154	35.97	529	114.27	150.24	
Vacations and legal holidays	2,676	1,006.49			1,006.49	5,218.78
Fire Department :						
Miscellaneous	11	4.28			4.28	4.28
Health Department :						
Miscellaneous	3	1.73	4	2.55	4.28	4.28
Inspector of Buildings :						
Lines and grades for private buildings	140	60.79	1,899	612.54	673.33	
Lines and grades for public buildings	1	.77	9	3.21	3.98	677.31
Inspector of Wires :						
Investigation, abutters, etc. on pole and conduit petitions	90	42.89			42.89	
Pole plans in accordance with Sec. 12, Chap. 335 of the Acts of 1914	604	220.78	402	108.20	328.98	371.87
Park Department :						
Parks, playgrounds,—surveys, lines, grades, plans	3	1.27	20	5.08	6.35	6.35
School Department:						
Miscellaneous	4	3.07			3.07	3.07
Street Department :						
Catch Basins, culverts, eyeholes, etc.	6	4.27	390	157.14	161.41	
Drains,—locations, grades, etc.	4	1.69	402	107.47	109.16	
Sewer construction,—lines and grades: manholes	139	88.24	761	331.10	419.34	
Street construction, lines, grades, etc.	292	183.34	4,886	1,765.54	1,948.88	
Street construction,—measurement of new work	1,004	325.80	2,217	495.86	821.66	
Miscellaneous	124	48.56	20	6.66	55.22	3,515.67
Water Works :						
Lines, grades, plans, etc	356	158.03	699	200.47	358.50	358.50
Public Service Corporations :						
Lines, grades, plans, etc.	143	107.85	709	293.07	400.92	400.92
Private Parties :						
Information for grade of buildings	29	18.95	46	21.02	39.97	39.97
Private Work:						
Lines, grades, plans, etc.	22	13.83	94	33.32	47.15	47.15
Board of Survey :						
Surveys, levels and plans	676	389.94	1,394	406.93	796.87	796.87
Totals	23,116	$9,891.32	18,379	$5,891.12		$15,782.44
Administration		2,500.00				2,500.00
	23,116	$12,391.32	18,379	$5,891.12		$18,282.44

STREETS LAID OUT AND ACCEPTED.

Street	From	To	Date of Acceptance	Width and Length in feet		
				35 Feet	40 Feet	50 Feet
Alden	Rockdale Ave.	Westerly	Sept. 8, 1915			853.44
Aquidneck	Brock Ave.	W. French Ave.	Sept. 8, 1915			985.64
Arlington	Query	Shaw	April 28, 1915			438.09
*Arlington	Shaw	Irvington	April 28, 1915			593.14
Brownell	Maple	Arnold	Sept. 22, 1915			352.84
*Concord	Shaw	Princeton	April 28, 1915			369.81
Concord	Princeton	Irvington	Feb. 10, 1915		153.76	
*Elm	Reed	Rockdale Ave.	May 13, 1915		372.08	
Fielding	Wood	Hersom	Sept. 8, 1915			253.91
Florence	Hillman	Maxfield	Dec. 9, 1915		310.29	
Junior	Arnold	Union	June 23, 1915		599.81	
Lake	W. Jenney Lind	Buttonwood Park	Sept. 22, 1915		359.06	
Mapleview Ter.	Tremont	Westerly	Mar. 24, 1914	246.80		
Mt. Vernon	Shawmut Ave.	Westerly	Sept. 8, 1915			249.00
Oakley	E. Acushnet Ave.	Acushnet Ave.	Oct. 13, 1915			413.63
Palmer	Arnold	Union	May 27, 1915			600.14
Prescott	Tarkiln Hill Rd.	Pine Grove Cemetery	Sept. 8, 1915			2,532.12
Sharp	Rockdale Ave.	Westerly	June 23, 1915			208.96
Weaver	Field	Rural Cemetery	Dec. 22, 1915		157.45	
Wood	Belleville Ave.	Acushnet Ave.	May 13, 1915			708.86
			Total Length - - -	246.80	1,952.45	8,559.58

* Accepted under Betterment Act.

STREETS WIDENED

Street	From	To	Date of Acceptance			
Orchard	At Brock Ave.		Aug. 25, 1915	Cut off corner	length	15.41
Shawmut Ave.	At Turner's Pond		Aug. 25, 1915	20 ft. on east side	length	286.44
†Sixth	Elm	Middle	July 16, 1915	10 ft. on east side	length	180.50
*Union	Front	Acushnet Ave.	Oct. 28, 1915	14 ft. south side	length	894.01
					Total length	1,376.36

STREETS — ALTERATION OF LINES

Sterling	Acushnet Ave.	Pine Grove Cem.	Nov. 10, 1915	5 ft. on south side discontinued.

STREETS — ALTERATION OF GRADES

Kane	Bolton	Hemlock	Jan. 6, 1915	
Stowell	Dartmouth	Field	Sept. 8, 1915	

STREETS — GRADE ESTABLISHED

W. French Ave.	Rodman Ave.	Valentine	Mar. 24, 1915	

Total length accepted..... 10,758.83 ft.— 2.037 miles.
Total length accepted streets Dec. 31, 1915..... 186.6 miles.

* Accepted under Betterment Act.
† By revocable license from United States.

CITY OF NEW BEDFORD DETAILS OF SEWERS CONSTRUCTED IN 1915 — COMPILED BY ENGINEERING DEPARTMENT

STREET	LOCATION	VITRIFIED PIPE 8 inch	10 inch	12 inch	15 inch	18 inch	20 inch	24 inch	27 inch	30 inch	33 inch	36 inch	46 inch Segmental	Concrete Varying Section	Total Length	Greatest Cut	Average Cut	Ledge Cubic Yards	Ledge Total Cubic Yards of Excavation	Character of Excavation	Manholes	Cost of Labor	Cost of Labor per ft. of length	Cost of Material, etc.	Total Cost of Sewer	Cost per ft. of length	Ordered	Commenced	Finished
COMBINED SYSTEM																													
BUCHANAN	Summer to Mt. Pleasant		389												389	1.07	7.25		418	Gravel	1	578.93	1.49	191.41	770.34	1.98	Dec. 2, 1914	Dec. 15, 1914	Jan. 2, 1915
CAROLINE	Durfee St. north		462												462	0.59	7.82		468	Gravel	1	557.21	1.21	173.44	730.65	1.58	July 30, 1915	Aug. 2, 1915	Aug. 27, 1915
COGGESHALL	Myrtle to Mt. Pleasant		755												755	9.57	7.90		773	Gravel	2	1231.36	1.63	373.71	1605.07	2.13	Dec. 2, 1914	Dec. 11, 1914	Dec. 31, 1914
DAVID	West French Ave. to Clarks Cove			218											218	8.00	5.20		147	Sand	1	168.18	0.77	393.85	562.13	2.58	June 10, 1915	June 18, 1915	June 25, 1915
FLORENCE	Morgan to Middle			268	194										462	8.17	7.75		464	Gravel	1	658.80	1.43	247.71	906.51	1.96	July 30, 1915	Aug. 23, 1915	Sept. 4, 1915
FRONT	Acushnet River to Elm St.											531			531	8.74	6.86	94	674	Filled land-ledge	4	3133.34	5.90	2714.82	5848.16	11.01	July 30, 1915	Aug. 21, 1915	------
HOLLY	East line Acushnet Ave. west		117												117	1.49	10.49		165	Gravel		293.54	2.51	78.56	372.10	3.18	Apr. 22, 1915	Apr. 29, 1915	May 6, 1915
JUNIOR	Arnold to Union	125	428												553	8.68	7.18		515	Dry gravel	1	496.65	0.90	177.97	674.62	1.22	July 30, 1915	Aug. 6, 1915	Aug. 27, 1915
LOMBARD	Rockland St. north	242													242	9.47	8.74		274	Gravel	1	453.25	1.87	122.70	575.95	2.38	Dec. 23, 1914	Dec. 30, 1914	Jan. 16, 1915
MAPLE	Reed St. to Rockdale Ave.		290												290	9.56	3.72		327	Gravel	1	310.45	1.07	123.41	433.86	1.50	Sept. 8, 1915	Sept. 27, 1915	Oct. 18, 1915
ORCHARD	Swift to Rivet							30					600		630	9.81	8.66		1111	Filled land	2	3015.57	4.79	2765.85	5781.42	9.18	July 30, 1915	Sept. 24, 1915	Nov. 20, 1915
PALMER	Arnold to Union	252	301												553	10.36	8.40		602	Dry gravel	1	618.39	1.12	183.68	802.07	1.45	June 13, 1915	July 12, 1915	July 24, 1915
SECOND	Spring to School							185		20					205	6.98	6.42		195	Gravel	2	597.32			597.32		Nov. 11, 1915	Nov. 12, 1915	Nov. 27, 1915 †
TRIPP'S BROOK RELIEF	In Chancery, Union, Newton, Elm and Liberty					90				40				2110	2240	18.85	16.40	79	7892	Wet gravel	12	2460.36	11.28	9789.41	3438.97	16.32	Aug. 24, 1914	Sept. 14, 1914	Aug. 11, 1915
	Combined System Totals	619	2742	486	194	90		215		60		531	600	2110	7647			173	4025		30	3671.35		17336.62	5404.97				
SEPARATE SYSTEM																													
AQUIDNECK	Brock Ave. to Clarks Cove	400	408	48											856	10.30	9.73		230	Gravel	4	396.23		320.14	716.37		Nov. 10, 1915	Nov. 18, 1915	------ ‡
AQUIDNECK S.D.	Clarks Cove to 350' east of W. French Ave.		181	80											261	8.23	6.20		146	Gravel									
BROOK	Query to Shaw		519												519	9.64	8.53		574	Gravel	2	970.16	1.87	358.70	1328.86	2.56	Feb. 10, 1915	Mar. 17, 1915	Mar. 18, 1915
BROOK	Query to Shaw S.D.		519												519														
BUTLER ST. RELIEF	In Frederick, Cleveland, and Butler Sts. S.D.		122		173		261	221	350	520	658				2305	11.33	7.03		2401	Gravel	7	3749.32	1.63	4937.27	8686.59	3.77	Apr. 22, 1915	May 6, 1915	July 17, 1915
LAKE	Buttonwood Park to Jenney Lind St.		529												529	7.66	7.04		483	Gravel		355.84		127.92	483.76		Nov. 10, 1915	Nov. 22, 1915	Dec. 2, 1915 †
LANDRY	Brooklawn Park to Wood St.		440												440	9.02	6.90		450	Gravel	1	509.67	1.16	146.35	656.02	1.49	Sept. 8, 1915	Sept. 14, 1915	Sept. 25, 1915
LIBERTY	Maxfield to Smith. S.D.							260							260	7.05	5.86		226	Filled land		329.98	1.59	512.11	842.09	2.46	Nov. 11, 1914	------	
ORCHARD	Brock Ave. north-Condenser Water Drain					403		950							1353	8.84	8.02		1668	Filled land		2170.47	1.61	1466.83	3637.30	2.69	July 30, 1915	Aug. 26, 1915	Sept. 27, 1915
QUERY	Brook St. east	266													266	8.74	7.10		245	Gravel	1	288.80		47.89	336.69		Nov. 10, 1915	Nov. 27, 1915	Dec. 4, 1915 †
ROCHAMBEAU	260' north of Irvington to Carlisle		290												290	9.26	8.98		348	Gravel		439.58	1.65	627.31	1066.89	2.71	Nov. 11, 1914	Nov. 28, 1914	Dec. 12, 1914
ROCHAMBEAU	260' north of Irvington to Carlisle S.D.					251									251														
SHAW	140' east of Brook to Brook St.	176													176	9.63	9.16		209	Gravel		245.22		79.99	325.21		June 23, 1915	June 28, 1915	July 10, 1915
	Separate System Totals	842	3008	128	173	654	261	1431	350	520	658				8025				6980		15	9455.27		8624.51	18079.78				

Total - 15672 ft. = 2.968 miles — Length added to system — 12989 ft. = 2.46 miles.

Entire sewer system (Including intercepting sewer) 126.223 miles — Entire cost — $3,099,454.73

† Cost incomplete
‡ Unfinished
* Based on total cost
S.D. Surface Drain

RECORD OF TIDES — 1915.

MONTH	HIGH TIDE			LOW TIDE			RANGE
	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	—0.682	+1.4	—2.6	—3.748	—2.1	—5.7	3.066
February	—0.533	+0.5	—1.6	—3.742	—1.4	—5.4	3.209
March	—0.358	+1.0	—2.1	—3.796	—2.4	—4.9	3.438
April	—0.498	+1.4	—1.8	—3.897	—1.7	—5.0	3.399
May	—0.281	+1.0	—1.4	—3.803	—2.9	—5.3	3.522
June	—0.296	+1.0	—1.1	—3.586	—2.7	—5.0	3.290
July	—0.165	+0.8	—1.6	—3.608	—1.5	—5.1	3.443
August	—0.098	+1.2	—1.8	—3.458	—2.6	—4.7	3.360
September	—0.339	+1.3	—1.5	—3.565	—2.2	—5.4	3.226
October	—0.233	+1.3	—1.5	—3.438	—2.0	—4.9	3.205
November	—0.126	+1.9	—1.6	—3.525	—2.2	—5.2	3.399
December	—0.294	+2.6	—2.0	—3.883	—2.5	—7.9	3.589
Average for year	—0.325			—3.670			3.345
Extreme for year		+2.6	—2.6		—1.4	—7.9	

All figures above refer to so called "Mean high water" which has been used at 0.65 below City Datum.

Observations for the last 20 years indicate that :

Average high water is 0.852 below City Datum.

Average low water is 4.393 below City Datum.

Average Range of tides is 3.541.

In the future observations will be based on the assumption that Mean high water is 0.85 below City Datum, and Mean low water is 4.39 below City Datum.

METEOROLOGICAL RECORD 1915.

From Observations by Engineering Department.

MONTH	BAROMETER REDUCED TO SEA LEVEL AND TO 32°				THERMOMETER				Relative Humidity from 5 p.m. readings	WIND									SKY			Amount of Rain or Melted Snow in Inches	MONTH
	Means of 5 p.m. readings	Maximum	Minimum	Range	Means of 5 p.m. readings	Maximum	Minimum	Range		Number of days it was Prevailing Direction. N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Variable	Clear	Partly Cloudy	Cloudy		
January	30.34	30.76	29.48	1.18	36.0	55	9	46	70.8	0	8	1	0	1	7	1	6	7	13	5	13	10.09	January
February	30.34	30.80	29.57	1.23	36.8	53	13	40	63.8	2	7	0	3	1	5	3	6	1	12	2	14	4.07	February
March	30.01	30.56	29.23	1.33	39.9	54	14	40	60.5	0	3	1	0	0	2	2	17	6	23	3	5	0.10	March
April	30.22	30.76	29.66	1.10	52.8	84	32	52	66.7	1	8	0	4	0	7	1	4	5	14	8	8	2.17	April
May	30.12	30.53	29.77	0.76	61.0	73	39	34	62.2	0	5	1	3	0	11	1	7	3	17	7	7	2.49	May
June	30.25	30.44	29.89	0.55	68.4	81	44	37	67.5	1	7	1	2	0	9	1	1	8	18	8	4	2.50	June
July	30.16	30.45	29.74	0.71	74.3	86	57	29	66 3	0	2	3	5	3	11	1	3	3	14	10	7	2.76	July
August	30.22	30.49	29.99	0.50	72.6	83	52	31	73.0	0	3	1	4	1	9	1	7	5	18	2	11	6.05	August
September	30.26	30.59	29.69	0.90	70.5	86	42	44	72.5	0	5	1	4	0	11	1	6	2	21	3	6	1.37	September
October	30.32	30.66	29.85	0.81	56.8	*70	*37	33	79.1	1	5	1	0	1	11	0	9	3	19	4	8	4.67	October
November	30.41	30.67	29.50	1.17	47.4	*53	*30	23	68.8	5	1	0	4	0	4	7	8	1	18	3	9	1.68	November
December	30.15	30.74	29.07	1.67	35.7	54	16	38	70.2	0	3	0	1	1	2	3	16	5	16	4	11	4.04	December
Means for year	30.24				54.4				68.5														
Totals for year										10	57	10	30	8	89	22	90	49	203	59	103	41.99	
Extremes		30.80	29.07	1.73		86	9	77															

*Thermometer out of commission from October 24th to November 22nd.

RAINFALL IN NEW BEDFORD — 1915

Engineering Department at centre of City__E Total for year 41.99 inches
L. J. Hathaway Jr. at Clifford Post Office_____H _____ 43.83 "
Acushnet Storing Station of N.B. Water Works____A _____ 48.28 "
Quittacus Pumping Station at Quittacus Pond___Q _____ 46.44 "

	JANUARY				FEBRUARY				MARCH				APRIL				MAY				JUNE			
	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q
1					1.32		1.61										0.21		0.90					
2		0.02				2.60		1.13																
3													0.75			0.57	0.08			0.05				
4													0.38	1.76	2.52			0.01						
5					0.28		1.21										0.16	0.09	0.15	0.14				
6					1.14	0.49	1.47	1.53					0.05	0.03	0.05	0.07					0.29		0.29	0.40
7	0.66	0.76	0.88	0.72	0.07												0.10					0.17		
8					0.04	0.11											0.06	0.26	0.34	0.44				
9																								
10																0.11								
11													0.06	0.04		0.14								
12	1.13		2.78		0.01								0.15	0.10	0.18		0.09			0.27	0.04	0.01		
13	1.47	3.11	0.68	2.50													0.41	0.44	0.39	0.55				
14	0.04																							
15	0.07	0.13	0.12	0.08		0.01							0.06	0.02		0.10								
16					0.41	0.35	0.47	0.29																
17	0.14								0.05	0.03	0.06						0.29		0.14	0.14	0.68	0.48	0.43	0.32
18	3.27	3.18		3.18														0.17						
19	0.02	0.21	3.88																					
20				0.03																	0.05	0.06		0.05
21	0.08	0.02	0.06														0.13			0.60				
22									0.05	0.03		0.10					0.80	0.65	0.86	0.13				
23	1.20	1.44	1.38	1.06										0.01		0.10		0.03			0.39	0.15	0.20	0.20
24	0.17				0.06												0.04	0.02		0.05				
25	1.52	1.63	1.72	1.50	0.74	1.01	0.95	0.97		0.01		0.05												
26																0.29	0.12	0.06	0.08	0.12	1.05	0.68	0.52	0.67
27																								
28		0.05		0.04										0.01										
29																								
30										0.02		0.03	0.72	0.95		1.13								
31	0.35	0.20	0.43	1.00																				
Total	10.09	10.75	11.93	10.07	4.07	4.57	5.71	3.92	0.10	0.09	0.06	0.18	2.17	2.92	2.75	2.51	2.49	1.81	2.86	2.49	2.50	1.55	1.44	1.64

	JULY				AUGUST				SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER				
	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	
1	0.33	0.32	0.50																						1
2	0.11				0.46	0.37	0.72	0.64					1.14	1.14	1.06	1.01									2
3	0.02	0.17		0.66	0.12	0.14							0.01											0.05	3
4					1.93	1.95	2.06	1.58									0.05								4
5	0.08	0.09	0.18	0.15									0.52		0.88	0.73	0.23	0.15	0.27	0.12					5
6					1.44	2.09	2.40	1.95				0.05	0.05	0.67				0.08		0.18			0.06		6
7										0.04			0.15												7
8	0.79	0.84	0.84	0.98	0.01				0.01				0.29	0.46	0.49	0.50					0.17	0.14		0.12	8
9				0.03	0.07	0.13	0.43	0.18										0.04							9
10					0.02	0.06		0.05														0.02			10
11				0.10	0.01																				11
12	0.06	0.09															0.06			0.13					12
13					0.56	0.70	0.67	0.86										0.07			1.04	1.33	1.89	1.36	13
14		0.02	0.05	0.09													0.46				0.21				14
15													0.65		0.61	0.62	0.14	0.65	0.69	0.68					15
16				0.10										0.68											16
17	0.52	0.12		0.26						0.01		0.06									0.07				17
18	0.01																				0.64	0.96	1.03	1.04	18
19	0.07	0.12	0.02	0.10					0.14	0.05	0.05	0.10					0.60	0.66	0.84	0.65					19
20													0.55	1.29		1.02									20
21	0.36	0.20	0.43	0.24					1.10	1.63	1.81	1.72	1.23												21
22					0.36	0.46	0.64	0.72																	22
23																					0.26		0.23	0.23	23
24																	0.07	0.05		0.10		0.25			24
25					0.56	0.70	0.78	1.04																	25
26									0.12	0.08	0.10	0.18									0.48	0.69	0.78	0.60	26
27													0.07	0.12		0.07		0.01							27
28	0.10																				0.11	0.11	0.13		28
29	0.31	0.53	0.53	0.45	0.21		0.22	0.25					0.01	0.04			0.07	0.08	0.20	0.12	0.73		1.70	1.12	29
30				2.53	0.20	0.34	0.04	0.11							0.20						0.33	1.20			30
31																									31
Total	2.76	2.50	2.55	5.69	6.05	6.94	7.96	7.38	1.37	1.81	1.96	2.11	4.67	4.40	3.24	3.95	1.68	1.79	2.00	1.98	4.04	4.70	5.82	4.52	Total

Intercepting Sewer System.

WILLIAM F. WILLIAMS
CONSULTING ENGINEER

New Bedford, Mass., February 26, 1916.

The Mayor, and Board of Aldermen and Committee on Roads, Bridges and Sewers.

Gentlemen:—I beg to submit the following report on the progress of the construction of the Intercepting Sewer System during the year ending December 4, 1915.

The main interceptor is completed to a point in Logan street about 200 feet east of Acushnet avenue and work is in progress on the extension of the sewer, as now authorized by the Committee, easterly in Logan street to Front street and northerly in the same to Holly street. All work on the intercepting sewer, during the year, has been done by the city with day labor.

Plans are now in preparation for the last section of the intercepting sewer and the North End pumping station to take care of the separate sewer system north of Belleville road. As now planned the gravity section of the intercepting sewer will end in Belleville avenue about 200 feet north of Davis street.

The screen station was placed in operation in January although the boilers did not go into use until a later date. The screenings removed during the last six months of the year amounted to 1149 cubic yards of unpressed material. The pressing reduces the bulk to about one-third of its volume as it comes off the screens. The pressed screenings are burned under the boiler.

The Screen Station and the two pumping stations have performed their work smoothly and without accident during the year. The sand washing apparatus has not

yet been placed in commission but it is hoped to have it in operation in a very short time. In the mean time the heavy matter that passes the screens is not causing any trouble in the outfall as it is small in quantity and the velocity secured in the main sewer is all that was anticipated. The maintenance cost of each plant is given in detail in the tables.

The net cost of the intercepting sewer system to December 4, 1915, including engineering and inspection, was $1,073,895.91. Total net expenditures for the fiscal year 1915, including engineering and inspection, was $249,-067.39. For details of work done, money spent, and contracts made see tables.

The following assistants and inspectors have been employed on the intercepting sewer work during the year: Stanley G. Proverbs, Walter N. Charles, Robert S. Graham, William H. Chase, Robert A. McIntyre, Jasper Sisson, John N. O'Brien, Jr.

Respectfully submitted,

WILLIAM F. WILLIAMS,
Consulting Engineer.

SUMMARY OF WORK PERFORMED BY DAY LABOR FOR THE YEAR ENDING DECEMBER 4, 1915.

SECTION 5.

In Water street, south of Union, thence in Water, Bridge Park, High, Second, Water, Acushnet avenue, and in Logan street to about 200 feet east of Acushnet avenue.

Length 6,825 feet.

Total excavation	27,512	cu. yds.
Rock excavation	5,065	" "
Reinforced concrete masonry	5,053	" "
10″ pipe separate sewer (no present outlet)	4,236	ft.
18″ storm water sewer	302	"
10″ " " "	290	"
6″ underdrain	2,575	"
6″ house connections	1,300	"

This work included 14 regulating chambers at street crossings with siphons for storm water overflow.

SECTION 6.

In Logan street from 200 feet east of Acushnet avenue easterly 525 feet. Work in progress.

Total excavation	2,136	cu. yds.
Rock excavation	196	" "
Reinforced concrete masonry	263	" "
10″ pipe underdrain	475	ft.

BONNEY STREET SEWER.

In Bonney street north of Brock avenue (Cove road).

Length 350 feet.

Total excavation	555	cu. yds.
10″ pipe separate sewer	310	ft.

1 brick manhole.

FIRST STREET PUMPING STATION.

One concrete manhole with hydraulic gate adjacent to pumping station in First street.

Total excavation	51 cu. yds.
Reinforced concrete masonry	19 " "

Overflow in Second street to connect separate under sewer leading to the Cove Pumping Station with the separate sewer leading to the First Street Pumping Station.

Location: Second street across Grinnell street.

Length 68 feet.

Total excavation	72 cu. yds.
10″ pipe separate sewer	68 ft.

There were 8 sewer outlets into Clarks Cove repaired, —at Hudson, Calumet, Capitol, Lucas, Woodlawn, Shore and Crapo streets, and Acushnet avenue.

The outlet at David street was extended 221 feet.

The outlet at County street was dicontinued from beyond the high water line and a new outlet built leaving the old sewer as a possible boat landing.

CONTRACT WORK.

FIRST STREET PUMPING STATION.

J. W. Bishop Co., Contractor.
Final Estimates — Dec. 16, 1914.

Item 1:	743.3	cu. yds. earth excavation..... @	$ 2.54	$1,887.98
Item 2:	391.2	" " rock excavation..... @	6.47	2,531.06
Item 3:	250.7	" " concrete masonry..... @	9.93	2,489.45
Item 4:	11,370	lbs. reinforcing..... @	.028	318.36
Item 5:	86.6	sq. ft. vault light sidewalk..... @	2.53	219.10
Item 6:	1.2	M. ft. B. M. lumber left in place... @	26.00	31.20
				$7,477.15

SCREEN HOUSE SUPERSTRUCTURE.

J. W. Bishop Co., Contractor.
Final Estimate — Dec. 31, 1914.

Contract for construction.....	$31,864.00
Rebate (to City of New Bedford) for changes in specifications...	64.68
	$31,799.32
Excess of contract allowance for Finish Hardware.....	53.87
Total cost.....	$31,853.19

CONTRACTS LET DURING THE YEAR 1915 FOR WORK AND MATERIALS.

CEMENT.

March 10, 1915. Moses & T. A. Denault, New Bedford.

$1.49 per bbl. in carload lots.
$1.51 per bbl. in storehouse.
Credit allowed for empty bags of 10 cents apiece.

CRUSHED STONE.

February 24, 1915. John B. Sullivan & Son, New Bedford.
Charles Desrosiers, New Bedford.

Stone run of crusher	$1.40	per ton
Smaller stone	1.50	" "

DYNAMITE.

March 10, 1915. Nitro-Powder Company, Kingston, N. Y.

60% dynamite	$ .1695	per pound
6-foot wire exploders	4.08	per hundred

LUMBER.

February 15, 1915. Central Lumber & Supply Company, New Bedford.

Dimension lumber	—4x4, 4x6, 4x8, 6x8, 6x6	$27.00	per M.
Plank	—Under 9″ wide	27.00	" "
	—Under 10″ wide	28.00	" "
	—All 10″ wide	29.00	" "
	—2″x7″x11′ spruce	25.50	" "

SAND.

February 24, 1915. John Chicoine, New Bedford.

Sand ..... $ .89 per ton

GRAVEL.

February 15, 1915. Frank G. Rose, Dolla Goodreau, and John Connors, New Bedford.

Gravel ..... $1.15 per ton

SEWER PIPE.

February 15, 1915. Paisler & Willis, New Bedford.

3″ to 24″ .....76½% from manufacturer's list
27″ to 30″ .....67⅛% " " "
33″ to 36″ .....62⅛% " " "

SEWER CASTINGS.

February 15, 1915. Fairhaven Iron Foundry, Fairhaven.

Manhole frames—about 265 lbs., each
Manhole covers—about 195 lbs., each.....$8.00 complete

MANHOLE STEPS.

June 24, 1915. Chester F. Hathaway, New Bedford.

300 cast iron box manhole steps, 60 lbs. each..2⅓c per pound

REINFORCING STEEL.

February 10, 1915. New Bedford Boiler & Machine Co., New Bedford.

80,000 lbs. ½″ dia. round steel 10′-10″ long..$ .0135 per lb.

August 25, 1915. New Bedford Boiler & Machine Co., New Bedford.

40,000 lbs. ½ round rods 8 ft. long
40,000 lbs. ½ round rods 10 ft. long
30,000 lbs. ½ round rods 26 ft. long.....$1,588.00

April 7, 1915. Cambria Steel Co., Boston, Mass.

60,000 lbs. ½″ Slick reinforcing rods 26 ft. long,
.....$ .01439 per pound

PAVING BRICK.

June 9, 1915. Metropolitan Paving Brick Co., Canton, Ohio.

6,000 paving brick.....$190.50

REGULATORS.

July 22, 1915. Gibby Foundry Company, East Boston, Mass.

12-inch regulators.....$150.00 each

SCREEN STATION.

PIPING.

December 28, 1914. P. F. Wood Boiler Works, New Bedford.

Steam piping, valves, etc., for boilers Screen House....$490.00

December 28, 1914. New Bedford Boiler & Machine Co., New Bedford.

Installing piping, valves, etc., for boilers Screen House, $185.00

January 22, 1915. F. E. Earle Company, New Bedford, Mass.

Furnishing and installing high pressure piping at Screen House $141.00

HEATING SYSTEM.

February 3, 1915. Furnishing and installing system of heating:

New Bedford Boiler & Machine Co., Valves.....$ 80.00
F. E. Earle Company, Piping..... 415.00

HYDRAULIC PRESS.

February 15, 1915. P. F. Wood Boiler Co., New Bedford, Mass.

Furnishing and installing hydraulic press at Screen House, ...$487.00

COAL CHARGING CAR.

February 15, 1915. Harold L. Bond Company, Boston, Mass.

1 1,000 lbs. capacity charging wagon.....$67.00

PUMP AND MOTOR.

July 25, 1915. Allis-Chalmers Mfg. Co., Boston, Mass.

1 3-inch, 3-stage centrifugal pump and motor.....$706.00

FIRST STREET PUMPING STATION.

SLUICE GATE.

March 10, 1915. F. E. Earle Company, New Bedford, Mass.

1 18″ hydraulically operated sluice gate.....$215.00

Maintenance of Screen House for the year 1915:

Labor	$3,166.75
Electricity	91.84
Coal	570.85
Water	25.09
Oil	6.60
Telephone	33.18
Supplies and renewals	145.05
	$4,039.36

Maintenance of Cove Pumping Station for the year 1915:

Labor	$ 750.00
Electricity	875.33
Coal	44.20
Water	5.00
Oil	66.50
Telephone	35.70
Supplies and renewals	281.25
	$2,057.98

Maintenance of First Street Pumping Station for the year 1915:

Labor	$ 632.60
Electricity	101.44
Coal	57.33
Water	.68
Oil	25.00
Supplies and renewals	79.00
	$ 896.05

Expenditures for Fiscal Year 1915 for Account of Construction of Intercepting Sewer. Chapter 474, Acts of 1910.

	Engineering and Inspection	Construction				Operation	Legal Costs	Totals
		Construction Contracts	Material	Labor	Equipment			
Outfall	$ 7.97	.....	$ 64.00	.....	.....	.....	$138.42	$210.39
Section 1	3.08	.....	11.73	$445.37	.....	.....	.....	460.18
Section 2	139.20	.....	791.43	2,050.90	.....	.....	.....	2,981.53
Section 4 †	647.21	.....	4,268.40	578.59	.....	$160.00	.....	5,654.20
Section 5 †	7,345.32	.....	64,824.08	112,514.74	$988.50	.....	.....	185,672.64
Section 6 †	2,184.10	.....	3,502.06	9,660.02	.....	.....	.....	15,346.18
Cove Pumping Station	780.93	.....	3,289.26	453.37	.....	2,057.98	.....	6,581.54
First street Pumping Station	395.39	1,253.79	1,907.60	1,551.90	.....	896.05	.....	6,004.73
Screen House	1,105.14	5,416.49	9,320.11	4,094.30	48.00	4,039.36	.....	24,023.40
Separate System Sewers †	95.10	.....	14.48	2,085.25	.....	.....	.....	2,194.83
Accident and Compensation	.....	.....	.....	1,859.78	.....	.....	.....	1,859.78
Totals	$12,703.44	$6,670.28	$87,993.15	$135,294.22	$1,036.50	$7,153.39	$138.42	$250,989.40

Credit	Section 5—	Labor (overcharge)	$299.33	
		Material (dirt, stone, etc.)	1,572.13	
"	Pumping Station—	Material	1.00	
"	Separate System Sewers—	Engineering (overcharge)	26.00	
		Material (stone)	23.55	1,922.01
Net expenditures				$249,067.39

† Work done by city day labor.

Expenditures for Account of Construction of Intercepting Sewer.
Chapter 474, Acts of 1910
Fiscal Years 1910, 1911, 1912, 1913, 1914 and 1915.

	Engineering and Inspection	Construction				Operation	Legal Costs	Land	Totals
		Construction Contracts	Material	Labor	Equipment				
Preliminary investigation	$4,240.44	.....	.....	.....	.....	.....	.....	.....	$4,240.44
Wharf	175.50	$7,405.80	$56.82	.....	$146.20	.....	.....	.....	7,784.32
Outfall	5,286.08	71,500.85	47,824.11	.....	.....	.....	$138.42	.....	124,749.46
Section 1	5,127.79	89,202.99	2,840.07	$445.37	.....	.....	.....	.....	97,616.22
Section 2	7,545.12	104,005.90	4,083.23	2,236.93	.....	.....	.....	.....	117,871.18
Pumping Station (Cove)	5,069.32	13,664.65	14,752.55	1,549.11	.....	$2,057.98	.....	$5,393.75	42,487.36
Screen House	13,751.50	73,690.29	34,337.92	9,747.81	48.00	4,039.36	.....	.....	135,614.88
First street Pumping Station	1,685.56	8,206.89	5,046.46	3,407.77	.....	896.05	.....	.....	19,242.73
Section 3*	2,575.52	.....	26,155.15	56,792.91	4,530.21	.....	.....	.....	90,053.79
Section 4*	7,026.69	.....	49,876.07	79,915 65	4,023.50	160.00	.....	.....	141,001.91
Section 5*	8,698.51	.....	68,404.54	123,730.13	998.50	.....	.....	.....	201,821.68
Section 6*	2,184.10	.....	3,502.06	9,660.02	.....	.....	.....	.....	15,346.18
Separate system sewers*	2,971.34	.....	20,687.92	49,608.57	29.00	.....	.....	.....	73,296.83
Accident and Compensation		.....	.....	2,768.93	.....	.....	.....	.....	2,768.93
Totals	$66,337.47	$367,677.37	$277,566.90	$339,863.20	$9,765.41	$7,153.39	$138.42	$5,393.75	$1,073,895.91

Balance to credit of account..... $11,104.09

*Work done by city day labor.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,
March 9, 1916.

Received, ordered printed in the City Documents and sent down for concurrence.

W. H. B. REMINGTON,
City Clerk.

IN COMMON COUNCIL,
March 9, 1916.

Concurred.

CHAS. P. SAWYER,
Clerk.

ANNUAL REPORT

OF THE

CHIEF ENGINEER

OF THE

FIRE DEPARTMENT

FOR THE

YEAR ENDING DECEMBER 31, 1915.

EDWARD F. DAHILL, Chief Engineer.

NEW BEDFORD
THE A. E. COFFIN PRESS, PRINTERS
1916

COMMITTEE OF THE CITY COUNCIL ON FIRE DEPARTMENT.

ALDERMEN,

SAMUEL A. GOODFELLOW,
Residence, 116 Hathaway Street.

MORTIMER McCARTY,
Residence, 332 Summer Street.

COUNCILMEN,

JAMES M. HUGHES,
Residence, 162 Nash Road.

ROBERT S. WEAVER,
Residence, 168 Merrimac Street.

JOSEPH H. FERNANDES,
Residence, 383 South Second Street.

BOARD OF ENGINEERS.

CHIEF ENGINEER,

EDWARD F. DAHILL,
Residence, 11 Robeson Street.

FIRST ASSISTANT ENGINEER,

JAMES J. DONAGHY,
Residence, 159 Washington Street.

SECOND ASSISTANT ENGINEER,

WM. E. WATSON, Jr.,
Residence, 373 Pleasant Street,

THIRD ASSISTANT ENGINEER,

FRANK R. PEASE,
Residence, 493 County Street.

CLERK,

JOSEPH P. KENNEDY,
Residence, 15 Sherman Street.

CAPTAINS IN CHARGE OF STATIONS.

REPAIR SHOP, BEDFORD STREET,
HARRY H. KIMBALL, Master Mechanic,
Appointed October 15, 1912.

HEADQUARTERS, PURCHASE STREET,
CHARLES S. WING, Telephone Operator,
Appointed August 15, 1910.

STATION NUMBER ONE,
JAMES L. HASKINS,
Appointed April 1, 1897.

STATION NUMBER TWO,
FRANK A. C. GREENE,
Appointed May 22, 1907.

STATION NUMBER THREE,
JAMES H. MAHONEY,
December 31, 1914

STATION NUMBER FOUR,
FREDERICK E. RICKETSON,
Appointed August 15, 1910.

STATION NUMBER FIVE,
THOMAS H. FORBES,
Appointed April 1, 1897.

STATION NUMBER SIX,
JOHN W. DONAGHY,
Appointed April 1, 1897.

STATION NUMBER SEVEN,
EDWARD H. COGGESHALL,
Appointed April 26, 1910.

STATION NUMBER EIGHT,
GEORGE H. COOK,
Appointed April 1, 1897.

STATION NUMBER NINE,
AMBROSE F. MERCHANT,
Appointed December 31, 1914.

STATION NUMBER TEN,
REUBEN TABER,
Appointed April 1, 1897.

STATION NUMBER ELEVEN,
JERE T. HAGGERTY,
Appointed October 19, 1908.

ASSISTANT MASTER MECHANIC,

LIEUT. JAMES H. DOWNEY,

Appointed October 15, 1912. Residence, 103 So. Sixth Street.

ASSISTANT SUPERINTENDENT FIRE ALARM.

ROBERT E. ALLEN,

Appointed March 26, 1913. Residence 57 Bedford Street.

ASSISTANT TELEPHONE OPERATOR,

LIEUT. JAMES T. WING,

Appointed December 31, 1914, Residence, 3 Green Street.

DEPARTMENT LINEMEN,

HENRY LAMEY,

Appointed March 12, 1912. Residence 230 Kempton Street.

MICHAEL HALLARAN,

Appointed March 24, 1914. Residence, 209 Bowditch Street.

DEPARTMENT ENGINEERS,

JOHN H. BACKUS,

Appointed March 13, 1910. Residence, 71 Bonney Street.

MILES L. FAY,

Appointed September 21, 1913. Residence 401 Orchard Street.

DEPARTMENT MECHANICIAN,

GEORGE H. BAYLIES,

Appointed March 13, 1910. Residence, 111 Grinnell Street.

DEPARTMENT DRIVER,

THOMAS F. BREAKELL,

Appointed May 12, 1909. Residence, 866 Rockdale Ave.

REPORT.

HEADQUARTERS FIRE DEPARTMENT,
OFFICE OF CHIEF ENGINEER.

December 31, 1915.

To the Honorable the City Council:

GENTLEMEN:—I have the honor of submitting the annual report of the fire department for the year ending December 31, 1915, together with such recommendations as I deem necessary for increasing the efficiency of the department.

APPARATUS.

We have in service the following:—

HORSE DRAWN:

3 Second size Steam Fire Engines and Hose Wagons.
1 Combination Chemical and Hose Wagon.
1 Hose Wagon.
3 Aerial Hook and Ladder Trucks.
1 Fire Alarm Wagon.
6 Exercise and Coal Wagons.

AUTOMOBILE:

1 Ahrens Fox Combination Engine and Hose Wagon.
1 Robinson " " " "
1 Webb " " " "
1 White " " " "
3 Locomobile Combination Chemicals and Hose Wagons.
1 Locomobile Supply Car for Repair Department.
1 Locomobile Instruction Car.

IN RESERVE

1 Combination Truck.
1 Ryan Truck.
5 Steam fire engines.
4 Wagons

HORSES.

There are twenty-six horses in this department, mostly in good condition.

HARNESSES.

There are nine sets for three horse hitches, twelve for two horse hitches and four single harnesses in good condition.

HOSE.

There are 17,950 feet 2½ in. cotton rubber lined hose in good condition, 1000 feet should be added during the year.

PENSION LIST.

Mrs. Mary M. Nelson, widow of Martin S. Nelson.

Capt. Loring T. Parlow, Engine Co. No. 2 who joined the Department May 21, 1863.

DEATHS.

Fourth Assistant Engineer STEPHEN L. FINNELL died May 26, 1915.

Engineer Finnell joined this department December 3, 1888 as hoseman, Hose Co. No. 2, was elected second lieutenant in May, 1890, and first lieutenant in May 1898, which rank he held until his election by the city council, April 8, 1908, to the position of Fourth Assistant Engineer; re-elected in April, 1912, he served until his death.

His associates keenly regret the loss of a wise counsellor, a just and capable official, a delightful companion and co-worker, a true friend.

CAPT. FRANCIS P. WASHBURN, Pension List; died September 4, 1915; joined the department November 28, 1864.

FRANK B. CHADWICK, Engine Co. No. 5; died October 24, 1915; joined the department February 1, 1893.

INJURIES.

Lieut. Harry A. Francis and Clerk David A. Cobb of Hook and Ladder Co. No. 1 were seriously injured at the fire at the Hill & Cutler Mill, May 27th, and their cases have been reported to the city council with the recommendation that they be compensated in full for their injuries and loss of time.

FINANCIAL STATEMENT.

DR.

Appropriation	$160,000.00	
Transfer, equipment	4,150.00	
Receipts	420.14	
		$164,570.14

CR.

Salaries, permanent force	$120,149.69	
Salaries, call force	17,782.41	
Horse feed and bedding	3,921.50	
Supplies and furnishings	2,836.32	
Light	1,560.95	
Telephones	630.10	
Fire Alarm,	1,007.76	
Blacksmithing and shoeing,	658.21	
Apparatus repairs,	3,464.49	
Harness repairs	116.00	
Station repairs,	2,246.49	
Fuel,	2,883.43	
Horses and horse hire,	171.97	
New apparatus,	4,534.89	
Hose and couplings	706.13	
Committee Expenses	356.39	
Miscellaneous,	1,006.57	
	$164,033.30	
Transfer, to balance,	536.84	$164,570.14

RECOMMENDATIONS.

I respectfully renew my recommendations of last year.

Respectfully submitted,

EDWARD F. DAHILL,
Chief Engineer.

THE NEW BEDFORD PROTECTING SOCIETY.

1915—1916

PRESIDENT:
CHAS. S. KELLEY, JR.

DIRECTORS.

HENRY S. HUTCHINSON
THOMAS B. AKIN
CHAS. S. BAYLIES
EDWARD B. ROBBINS
F. OSCAR COVILL
F. P. R. PATTERSON
JOSEPH F. CORNWELL
ERNEST H. BOUCHER

SECRETARY AND TREASURER:
CHESTER P. REXFORD

Allen, Geo. H. H.
Webber, James A.
Swift, Horace W.
Blair, John K.
Dawe, William C.
Bonneau, F. A.
Bourne, Williams S.
Brightman, Harry C.
Brooks, Arthur T.
Coe, I. H., Jr.
Coggeshall, R. C. P.
Brooks, Andrew J.
Williams, Thos. W.
Knowles, Jos. F.
Delano, Arthur D.
Francis, James P.
Covill, Clarence W.
Gifford, Frank H.
Gifford, Thos. J.
McDonald, Henry J.
Howard, Henry, Jr.
Humphrey, Jas. L., Jr.
Taber, George C.
Knowles, Henry S.
Macy, Frederick B.
Macy, George I.
Macy, J. Roland
Manchester, P. F.
Parker Ward M.
Allen Lesley B.
Bliven, George F.
Mendelson, Hyman
Tuell, Clifton P.
Watson, Edwin M.
Makin, Henry J.
Parker, David L.
Perry, Samuel H.
Pitman, William H.
Porier, Aime J.
Potter, William F.
Oesting, Edward A.
Olivier, Geo. L.
Oman, Charles E.
Smith, Nat. C.
Francis, Arthur S.
Phillips, William C.
Robinson, Wm. A., Jr.
Sharples, Charles S.
Sharples, Arthur
Smith, Alex. T.
Dunham, Otis M.
Sullivan, D. J.
Sears, Louis A.
Taber, Frederic H.
Taylor, Wm. T.
Wagner, Isaiah C.
Wood, Horace
Burke, Harry
Shaw, John C.
Butler, Morgan
Whittemore, Harry E.
Chase, Chester W.
Read, W. Kempton
Budlong, James E.
Carpenter, Orrin B.

REPORT OF ALARMS, LOSSES AND INSURANCE FOR THE YEAR 1915.

	---Alarms---		-------Damage-----		------Insurance------	
Month	Bell	Still	Buildings	Contents	Buildings	Contents
January	18	17	$5,647.50	$11,285.36	$114,789.62	$325,000.00
February	17	25	11,645.25	24,388.14	98,600.00	66,365.00
March	44	104	10,164.46	9,177.99	208,850.00	41,245.00
April	32	47	5,290.30	6,673.68	75,291.00	34,491.00
May	21	26	4,065.42	6,783.45	1,083,100.00	80,741.32
June	11	36	6,112.27	1,084.24	79,600.00	12,700.00
July	15	32	4,232.36	3,331.52	105,500.00	19,500.00
August	17	19	19,636.56	24,954.80	65,650.00	40,650.00
September	15	27	2,710.58	2,599.68	74,300.00	56,550.00
October	9	21	2,206.45	165.00	25,300.00	
November	17	30	2,968.95	1,504.98	61,100.00	33,507.00
December	23	19	4,382.51	5,043.50	131,100.00	46,256.15
	239	403	$79,062.60	$96,992.34	$2,123,180.62	$757,005.47

Total reported loss.....$ 176,054.94
Total reported insurance..... 2,880,186.09

NO SIGNAL FIRES, 1915

Damage to buildings,	$1,576.19
Damage to contents,	1,288.56
Total loss reported,	$2,864.75
Insurance on buildings,	$228,227.00
Insurance on contents	161,800.00
Total insurance reported,	$390,027.00

Number of no-signal fires reported..... 155

FIRE ALARM TELEGRAPH, 1915.

SUPERINTENDENT
EDWARD F. DAHILL, Chief Engineer.

Assistant Superintendent
ROBERT E. ALLEN.

LOCATION OF SIGNAL BOXES.

PRIVATE BOXES.

112	Pairpoint Corp.
113	Quissett Mill
114	City Mills
115	Potomska Mills
116	Acushnet Mills
117	Hathaway Mills
118	Dartmouth Mills
12	Butler Mill
122	Holmes Mill
124	Booth Mill
125	Kilburn Mill
13	Page Mill
131	Gosnold Mills
132	Rotch Mills
133	Sharp Mill
14	Morse T. D. & M. Co.
141	Frank L. Young Co.
142	N.B. Gas & Ed.Lt.Co., Water St.
143	N. E. Steamship Co.,
144	N. E. Telephone & Telegraph Co.
145	U. S. R. R. Co., Power House
146	U. S. R. R. Co., Popes Island
15	N. B. Cordage Co.
16	St. Lukes Hospital
21	E. E. Taylor Shoe Co.
211	N. B. Spinning Co.
212	Wamsutta Mills
213	Grinnell Mill
214	Bristol Mill
215	Columbia Mills
216	Pierce Mills
217	Bennett Mills
218	Soule Mill
221	Whitman Mills
223	Manomet Mills
224	Nashawena Mills
225	Nonquit Mill
23	Neild Mill
231	Pierce Bros. Ltd. Mill
232	Taber Mill
233	N. B. Cotton Mills
234	Beacon Mills
24	U. S. R. R. Co., Weld St.
241	Snell & Simpson
242	Smith Bros. Brewery
243	N. B. Warehouse
244	Dawson's Brewery
245	W. C. Jones Co.
25	A. L. Blackmer Co.
251	N. B. Copper Co.
252	Z. B. Davis Corp.
253	Freight House, Pearl St.
254	Freight House, Willis St.
255	Railroad Engine House

PUBLIC BOXES.

3	Lunds Corner
31	Acushnet Av. and Wood St.
311	Acushnet Av. and Perry St.
313	Acushnet Av. and Belleville Rd.
315	Howard Av. and River Rd.
316	Belleville Av. and Covell St.
317	Belleville Av. and Hope St.
323	Bowditch and Shaw Sts.
324	Nash Rd. and Bowditch St.
334	Nash Rd. and Church St.
363	Shawmut Av. and Plainville Rd.
375	Tarkiln Hill Rd. and Lowell St.
38	Acushnet and Squin Avs.
386	Acushnet Av. and Phillips Rd.
4	Tinkham Av. and North Front St.
41	Hathaway Av. and Diman St.
411	Be.lleville Av. and Davis St.
412	Acushnet Av. and Davis St.
413	Bowditch St. and Coffin Avs.

414 Coffin Av. and No. Front St.
415 Belleville and Coffin Avs.
416 Acushnet Av. and Bullard St.
42 Belleville Av. and Nye St.
421 Tallman and Bowditch Sts.
422 Acushnet Av. and Sawyer St.
423 Holly and North Front Sts.
43 Acushnet Av. S. of Coggeshall St.
431 Belleville Av. and Coggeshall St.
432 Cedar Grove and North Front Sts.
433 Bowditch and Weld Sts.
434 Hicks St., east of Howe St.
441 Brook and Earl Sts.
452 Mt. Pleasant St., near Reservoir
46 Sawyer and County Sts.
461 Coggeshall and Reynolds Sts.
462 Purchase and Cedar Grove Sts.
463 County and Clark Sts.
464 Myrtle and Clark Sts.
47 Purchase and Linden Sts.
471 County and Linden Sts.
472 Cottage and Durfee Sts.
48 Shawmut Av. and Durfee St.
482 Shawmut Av. and Grand St.
484 Shawmut Av. and Hathaway Rd.
49 Rockdale Av. and Rogers St.

5 Hazzard and State Sts.
51 Purchase and Franklin Sts.
511 County and Pearl Sts.
512 Purchase and Willis Sts.
513 Acushnet Av. and Maxfield St.
514 Sycamore and State Sts.
515 Acushnet Ave. and Seneca St.
52 Merrimac and Summer Sts.
521 Cedar and Locust Sts.
523 Shawmut Av. and Parker St.
524 Smith and Cedar Sts.
53 Kempton and Liberty Sts.
531 Kempton and Florence Sts.
532 Kempton and Reed Sts.
533 Kempton and Jenny Lind Sts.
54 Purchase and North Sts.
541 Water and North Sts.
542 Water and Middle Sts.
543 Fish Island
544 Rodman and Front Sts.
551 County and Hillman Sts.
552 County and Kempton Sts.
553 Purchase St. and Mechanics Lane
56 Union and Eighth Sts.
561 Union St. and Purchase Sts.
562 Union and Water Sts.
57 Hillman and Ash Sts.
58 Kempton and Cedar Sts.
581 Court and Cedar Sts.
582 Union and Park Sts.
59 Court and James St.

6 Purchase and School Sts.
61 Pleasant and Madison Sts.
611 Walnut and Seventh Sts.
612 Walnut and Water Sts.
613 Water and Coffin Sts.
614 Water and Leonard Sts.
615 Cannon and Second Sts.
616 Bedford and Sixth Sts.
62 Allen and Dartmouth Sts.
621 Allen and Page Sts.
622 Allen and Brigham Sts.
623 Bedford and Borden Sts.
63 Hawthorn and Page Sts.
64 Orchard and Clinton Sts.
641 Arnold and Ash Sts.
642 Arnold and Rotch Sts.

7 Howland and Second Sts.
71 Water and South Sts.
711 Purchase and Potomska Sts.
712 Water and Rivet Sts.
713 Water and Division Sts.
714 Water and Cove Sts.
72 County and Grinnell Sts.
721 Rockland and Hall Sts.
722 Orchard and Fair Sts.
723 County and Mosher Sts.
73 Crapo and Rivet Sts.
731 Rivet St. and Bolton Rd.
732 Crapo and Division Sts.
74 Dartmouth and Rockland Sts.
741 Dartmouth and Dunbar Sts.

8 Almshouse
81 Brock Av. and Capitol St.
811 Brock Av. and Butler St.
812 Brock Av. and Mott St.
813 Ruth Av. and Salisbury St.
821 West French Av. and Willard St.
83 East French Av. and Cove St.

Special Signals.

121 struck twice, General Alarm.
22 struck once, summons Truck No. 1.
33 struck once, summons Truck No. 2.
44 struck once, summons Truck No. 3.
2-2-2 struck four times, Police Call.
10 blows, struck twice, Military Call.
15 blows, struck twice, Naval Reserve Call.

HOSE COMPANY No. 1.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
Oct. 31, 1882	85	Frank A. C. Greene	Captain	Station No. 2	Fireman
Nov. 14, 1894	83	Frank A. Lewis	Lieutenant	3 Lincoln St.	"
May 5, 1901	81	Horace S. Bennett	Hoseman	Station No. 2	"
May 1, 1910	82	William S. Gatenby	Hoseman	27 Pierce St.	"
May 25, 1903	80	Frederick R. Symons	Hoseman	16 North St.	"
Jan. 3, 1915	79	Frank J. Nicklas	Hoseman	420 Purchase St.	"
March 7, 1911	84	Arthur E. Souza	Chauffeur	152 North St.	"

HOSE COMPANY No. 2.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
May 5, 1884	185	George H. Cook	Captain	280 Earle St.	Fireman
May 1, 1910	186	John J. Mahon	Lieutenant	81 Myrtle St.	"
Nov. 17, 1913	187	Frederick G. Gifford	Chauffeur	198 Tinkham Av.	"
Dec. 1, 1894	189	Antonio M. Lemos	Hoseman	176 Davis St.	"
Oct. 26, 1903	191	Frank N. Cleveland	Hoseman	217 Phillips Av.	"
Nov. 1, 1910	192	Thomas Wooley, Jr.	Hoseman	154 Purchase St.	"
Dec. 15, 1912	193	Michael J. Melia	Hoseman	211 Hathaway St.	"

HOSE COMPANY No. 3.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
April 22, 1896	268	Chas. P. Johnson	Captain	489 Acushnet Ave.	Carpenter
Jan. 13, 1896	265	Arthur C. Smith	Lieut.	39 Bedford St.	Electrician
Sept. 14, 1903	263	Wilfred L. Bacon	Clerk	42 Summer St.	Plumber
Jan. 12, 1892	266	Henry A. Sherman	Hoseman	51 Russell St.	Blacksmith
May 19, 1896	262	Chas. E. Thomas	"	42 Liberty St.	Carpenter
Feb. 16, 1888	264	Frank C. Jennings	"	81 Allen St.	Clerk
Mar. 7, 1911	267	Peter Lambert	"	19 Seventh St.	Fireman
April 25, 1892	260	Charles W. Allen	Driver	86 High St.	"

HOSE COMPANY No. 4.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
Sept. 1, 1888	270	Jeremiah T. Haggerty	Captain	90 David St.	Fireman
Aug. 10, 1909	272	James Doran	Lieut.	236 Purchase St.	"
Dec. 9, 1894	271	Frederick E. Mosher	Hoseman	37 Woodlawn Ave.	"
March 10, 1908	273	John Wooley	"	754 Brock Av.	"
Jan. 4, 1900	275	Richard F. Burke	"	27 Viall St.	"
Aug. 11, 1908	276	James Sanderson, Jr.	"	57 Ellen St.	"
Sept. 8, 1908	274	Allan L. Phillips	Chauffeur	113 Mott St.	"

HOSE COMPANY No. 6.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
April 5, 1889	138	John W. Donaghy	Captain	39 Crapo St.	Fireman
Oct. 31, 1882	136	N. Herbert Greene	Driver	58 Bedford St.	"
Jan. 1, 1895	124	George H. Whelan	Hoseman	224 County St.	"
Oct. 19, 1908	132	John McQuilkin, Jr.	"	451 Orchard St.	"
Oct. 1, 1902	123	Frank T. Cooke	"	144 Purchase St.	"
Sept. 11, 1906	134	Henry L. Burding	"	151 Rockland St.	"
Feb. 11, 1908	125	John Sylvia	"	145 Armour St.	"
Oct. 14, 1915	131	Percy Shepherd	"	111 Tallman St.	"

ENGINE COMPANY No. 1.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
April 24, 1893	10	James L. Haskins	Captain	1530 Purchase St.	Fireman
July 28, 1890	16	Charles H. Thomas	1st. Lieut.	663 Cottage St.	Rollcoverer
July 30, 1894	13	Herbert C. Gifford	2nd. Lieut.	75 Maxfield St.	Foreman
May 25, 1895	6	Law'ce T. Woolfenden	Clerk	6 Studley St.	Shoe dealer
Feb. 26, 1900	15	George Palmer	Hoseman	61 Myrtle St.	Machinist
July 28, 1902	14	William F. Thomas	"	6 Mt. Pleasant lane	Roll coverer
July 25, 1904	11	Sidney S. Fisher	"	6 Franklin St.	Shipping Clerk
Dec 3, 1888	12	Bartholomew P. Fury	"	130 Willis St.	Clerk
Jan. 14, 1908	9	William D. Flagg	"	5 Warwick St.	Fireman
Sept 1, 1901	8	Hyman Mechaber	"	87 Kenyon St.	Merchant.
Aug. 3, 1903	19	George H. Denham	"	1519 Purchase St.	Carpenter
Mar. 1, 1901	20	Joseph L. Crowley	Engineer	252 Chestnut St.	Fireman
Feb. 2, 1902	22	Oscar S. Hammond	Stoker	70 North St.	Carpenter
June 9, 1894	21	Edward F. A. Cowen	Driver	1196 Pleasant St.	Fireman
Dec. 31, 1888	23	William H. Young	"	253 Chestnut St.	"
Dec. 13, 1912	18	George T. Davis	"	54 Maitland St.	"

ENGINE COMPANY No. 3.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
May 1, 1896	31	James H. Mahoney	Captain	803 Kempton St.	Fireman
May 1, 1910	32	Frederick A. Stowell	Lieutenant	240 Palmer St.	"
April 28, 1892	33	William R. Moore	Hoseman	69 Round St.	"
Jan. 8, 1907	34	Ernest G. S. Teachman	"	360 Reed St.	"
May 1, 1910	35	John R. Walsh	"	136 Florence St.	"
Oct. 23, 1906	36	James S. Cooke	"	30 Buttonwood St.	"
July 11, 1904	37	Frank R. Riley	"	162 Chancery St.	"
Nov. 21, 1913	38	Charles J. Calnan	Chauffeur	200 Weld St.	"

ENGINE COMPANY No. 4.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
Oct. 4, 1897	44	Fred E. Ricketson	Captain	267 Purchase St.	Fireman
Aug. 29, 1904	59	William N. Whelan	Lieut.	143 Pleasant St.	"
Dec. 30, 1895	51	John E. Joseph	Hoseman	97 S. Sixth St.	"
May 28, 1894	45	Louis A. Viereck	"	111 Grinnell St.	"
Oct. 26, 1903	54	Frank H. Vincent	"	117 Grinnell St.	"
Aug. 10, 1909	56	Walter H. Merchant, Jr	Chauffeur	61 Bay St.	"
May 1, 1910	48	Norman S. Dyer	Hoseman	396 Purchase St.	"
July 13, 1908	55	Edward A. Pollock	"	156 Grinnell St.	"
Oct. 7, 1913	42	Joseph E. Freitas	"	71 Acushnet Ave.	"
Oct. 19, 1908	57	Edward F. Wood	"	35 Crapo St.	"

ENGINE COMPANY No. 5.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
Dec. 31, 1888	70	Thomas H. Forbes	Captain	120 Chestnut St.	Fireman
Dec. 28, 1891	73	Ernest L Soule	1st. Lieut.	90 Hillman St.	Wood-worker
Mar. 27, 1899	65	William C. Coon	2nd. Lieut	69 Foster St.	Painter
Oct. 1, 1885	63	Joseph C. Forbes	Clerk	299 Chancery St.	Clerk
Sept. 1, 1892	77	Charles A. Haskins	Hoseman	629 County St.	Fireman
Sept. 30, 1890	68	Thomas N. Meyer	"	219 Kempton St.	Carpenter
Dec. 31, 1894	66	Charles H. Bowman	"	94 Middle St.	Teamster
April 29, 1895	72	Louis H. Almy	"	183 Chancery St	Printer
July 31, 1899	64	Samuel E. Gabriel	"	463 Cottage St.	Janitor
July 9, 1907	69	Ernest Allen	"	21 Chestnut St.	Harness Maker
April 29, 1901	60	Edward L. Moriarty	Hoseman	387 Park St.	Merchant
Jan. 14, 1908	71	Frederick A. Blossom	Substitute	37 Buttonwood St.	Wood Worker
Nov. 10, 1884	74	Benj. C. Groves	Engineer	6 Foster St.	Fireman
Mar. 1, 1882	76	Charles W. Jones	Stoker	66 Mill St.	Contractor
May 9, 1905	75	Edward J. Bly	Driver	104 Smith St.	Fireman
Feb. 3, 1902	62	Charles H. Lawrence	Driver	171 Kempton	Driver
July 1, 1896	61	William L. Durfee	"	144 Mill St.	"

ENGINE COMPANY No. 7.

Date of joining dept,	No of badge	Name	Rank	Residence	Occupation
Sept. 1,1890	205	Edward H. Coggeshall	Captain	13 Collins St.	Fireman
Sept. 1, 1890	204	Edward H. Booth	1st. Lieut.	1 Vine St.	Retired
Sept 1, 1890	206	John H. Ryan	2nd. Lieut.	563 Cottage St.	Sealer of weights & measures
Jan. 3, 1893	195	John N. O'Brien	Clerk	101 Robeson St.	Merchant
Sept. 1, 1890	209	Charles A. Galligan	Hoseman	36 Pearl St.	"
Sept. 1, 1890	207	John D. Manseau	"	30 Durfee St.	Laborer
Sept. 1, 1890	203	Geo. A. Bosworth	"	674 Cottage St.	Contractor
Dec. 11, 1894	196	William Simister	"	38 Trinity St.	Merchant
Aug. 2, 1904	197	James F. Collins	"	18 Trinity St.	Plumber
April 5, 1897	210	Edward L. Wilson	"	61 Durfee St.	Painter
Mar. 12, 1907	211	Joseph H. Gurl	Substitute	89 Highland St.	Teamster
June 10, 1908	198	Paul Gagne	"	61 Merrimac St.	"
Mar. 1, 1901	199	Henry Leeming	Engineer	652 Cottage St.	Fireman
Sept 1, 1890	202	Andrew W. Tripp	Stoker	45 Durfee St.	Shoem'ker
Sept. 1, 1890	200	William H. H. S. King	Driver	15 East Durfee St.	Fireman
June 11, 1907	212	George Pierce, Jr.	"	135 Robeson St.	"
June 1, 1907	215	Manuel Brown	"	41 Pierce St.	"
Jan. 12, 1892	201	George W. Haskins	"	18 Studley St.	"

ENGINE COMPANY No. 9.

Date of Joining Dept.	No of badge	Name	Rank	Residence	Occupation
Mar. 1, 1901	146	Ambrose F. Merchant	Captain	2266 Acushnet Ave.	Fireman
April 2, 1895	148	William J. Moore	Lieut.	910 Belleville Ave.	Fireman
Sept. 24, 1900	159	Frank E. Washburn	Clerk	2443 Acushnet Ave	Carpenter
Nov. 10, 1908	149	Albert Crossley	Chauffeur	1034 Phillips Road	Fireman
Dec. 14, 1878	160	Herbert M. Spooner	Hoseman	920 Bellville Ave.	Laborer
Sept. 3, 1883	151	John G. Whalon	"	906 Bellevilie Ave.	Grocer
May 31, 1892	157	Walter H. Darling	"	2444 Acushnet Ave.	Foreman
June 1, 1907	150	Horace A. Bird	"	920 Belleville Ave.	Fireman
Dec. 6, 1886	145	John F. Parker	"	924 Belleville Ave.	Fireman

ENGINE COMPANY No. 10.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
Dec. 13, 1888	241	Reuben Taber	Captain	1005 County St.	Fireman
Nov. 1, 1910	242	John H. McDonald	Lieut.	43 State St.	"
Dec. 12, 1893	244	Arthur R. McDonald	Hoseman	427 Cedar Grove St.	"
Oct. 19, 1908	246	William F. McDonald	"	147 Adams St.	"
May 9, 1905	248	Joseph A. Mahoney	"	508 Cottage St.	"
Dec. 18, 1894	245	John T. Conway	"	476 Cedar Grove St.	"
Oct. 1, 1895	243	John E. Murphy	"	209 Cedar Grove St.	"
Nov. 23, 1913	249	Thomas J. Summers	"	332 Tinkham Ave.	"
Dec. 8, 1908	240	Peter Hebert	"	1527 Purchase St.	"
Nov. 1, 1910	247	Philip J. Prevost	Chauffeur	Station No. 10	"

HOOK AND LADDER COMPANY No 1.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
June 24, 1883	105	Edward D. Francis	Captain	86 Kempton St.	Shoemaker
July 10, 1906	86	Harry A. Francis	1st. Lieut.	86 Kempton St.	Shoemaker
Nov. 29, 1886	103	Alfred M. Gifford	2nd Lieut.	94 Maxfield St.	Teamster
Feb. 1, 1897	89	David A. Cobb	Clerk	379 Elm St.	Painter
Jan. 1, 1900	107	Edward F. Magrath	Ladderman	228 Mill St.	Janitor
May 19, 1896	100	John P. Thompson	"	120 High St.	Painter
April 26, 1897	106	William F. Wilcox	"	7 North St.	Hostler
July 2, 1894	104	Harrie B. Jennings	"	349 Reed St.	Salesman
Mar. 10, 1908	102	Walter H. Peirce	"	304 Kempton St.	Stable Keeper
Sept. 3, 1907	95	Charles E. Carroll	"	247 Middle St.	Gas Foreman
Jan. 1, 1907	101	David A. Dexter	"	217 Hillman St.	Glass Cutter
Jan. 14, 1908	87	Wm. E. Russell	Driver	130 Mill St.	Fireman
Feb. 13, 1895	97	Isaac R. Allen	Tillerman	120 High St.	"
Dec. 5, 1887	92	Geo. S. Allen	Driver	297 Acushnet Ave.	"
Jan. 1, 1895	98	Edward C. Neagus, Jr.	"	93 Park St.	"

HOOK AND LADDER COMPANY No. 2.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
Sept. 8, 1893	176	Edward M. Murphy	Captain	168 Austin St.	Clerk
Sept. 1, 1892	174	C. Henry McCarthy	1st Lieut.	87 Hazard St.	Foreman
April 14, 1908	172	Edward T. Mahoney	2nd Lieut	508 Cottage St.	Druggist
Sept. 1, 1888	180	Peter F. Sullivan	Clerk	328 Cedar St.	Book keeper
Dec. 1, 1894	178	Daniel S. Considine	Ladderman	171 Davis St.	Merchant
Nov. 3, 1897	175	Michael E. Daley	"	238 Collette St.	Contractor
Jan. 27, 1902	177	Timothy J. O'Brien	"	250 Davis St.	Watchman
June 12, 1906	179	George Entwhistle	"	1051 Acushnet Av.	Laborer
July 31, 1893	181	John Woolfenden	"	69 Deane St.	Retired
Nov 10, 1908	183	Joseph Z. Boucher	"	253 Collette St.	Agent
Mar. 30, 1896	184	Thomas Walmsley	"	158 Davis St.	Clerk
Jan. 15, 1911	108	Onat A. Chausse	Substitute	230 Coffin Ave.	Clerk
April 22, 1896	167	Charles E. Robertson	Tillerman	1012 Pleasant St.	Fireman
Mar. 1, 1892	173	William Sellecks	Driver	18 Peckham St.	"
Dec. 13, 1898	171	John H. Galligan	"	62 Durfee St.	"

HOOK AND LADDER COMPANY No. 3.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
Dec. 15, 1892	232	Charles E. Greene	1st. Lieut.	77 Dartmouth St.	Fireman
Nov. 1, 1891	218	John O'Neil	2nd. Lieut.	16 Bedford St.	Glasscutter
May 3, 1904	227	Chas. A. McAvoy	Clerk	25 Welcome St.	Merchant
Nov. 1, 1891	219	Daniel E. Nelson	Ladderman	111 County St.	Mason
Nov. 1, 1891	222	Henry R. Lindsey	"	211 County St.	Carpenter
Aug. 13, 1904	233	Michael Quinn	"	103 Rockland St.	Laborer
June 5, 1899	224	Owen J. Dowd	"	1039 S. Water St.	Barber
Oct. 31, 1882	221	Marshall S. Greene	"	233 Rivet St.	Mason
Oct. 31, 1882	228	Frederick S. Nelson	"	43 Sherman St.	Mason
Jan. 13, 1898	229	F. C. Edmondson	"	32 Winsor St.	Grinder
July 9, 1907	230	William Butler	"	2 Sears St.	Merchant
Sept. 12, 1905	220	Edgar F. Howland	"	181 Grinnell St.	Rigger
May 4, 1899	234	William C. De Mello	"	211 Acushnet Ave.	Foreman
May 21, 1911	226	John E. McDonald	Tillerman	149 Bonney St.	Fireman
Oct. 19, 1908	231	William J. Gibbs, Jr.	Driver	400 Orchard St.	"

RECORD OF SIGNAL FIRES — JANUARY, 1915.

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
3	12.52 p m	Still	106 Rivet st	Clara Couet	Fred Delage	Store & dwell	Brick	Spontaneous combus				
	6.18 p m	Still	Spring st	Ricketson Estate	McAfee Bros	Stable	Wood	Careless smoker				
4	2.04 p m	Still	Pur & Merrimac sts	E Therrien	Nathan Aisenstat	Notion store	Wood					
5	12.36 p m	433	12 Bowditch st	Grinnell Mfg Corp	Belle Boucher	Dwelling	Wood	Thawing water pipe	164.00	50.00	1,800.00	
	3.57 p m	452	42-44 Mt Vernon st	Albert Jones	Joseph St Jacques	Dwelling	Wood	Clothes near stove	198.42	77.80	2,000.00	500.00
6	6.05 p m	741	31 Babbitt st	C A Sylvia	C A Sylvia	Dwelling	Wood	Candle accident	75.00	15.00	2,000.00	
7	4.55 p m	323	Brook st	Napoleon St Peter		Dwell in proc	Wood	Plasterers' stove				
	5.06 p m	741	Stephen st	Manuel Marks		Dwell in proc	Wood	" "				
	8.20 a m	Still	845 Brock av	Adelard Peppin	W D Sparling	Dwelling	Wood	Overheated flue				
8	8.45 p m	544	Rotch wharf	N B Fish Co	N B Fish Co	Stable	Wood		21.96		2,000.00	
9	1.03 a m	551	111 Hillman st	Samuel H Perry	Samuel H Perry	Garage	Wood		148.18	400.00	200.00	
11	10.53 p m	Still	(193 Blackmer st	David McGill	David McGill Co	Candy store	Wood	Careless smoker	1,800.00	7,000.00	2,000.00	
	10.56 p m	723	(									
13	5.42 a m	714	Foot of Gifford st	Hathaway Mfg Corp	Hathaway Mfg Corp	Cotton factory	Brick	Defect electric wires	15.00	50.00	68,000.00	320,000.00
	5.26 p m	Still	Madison st	Andrew G Pierce, Jr	Andrew G Pierce Jr	Dwelling	Wood	Burning soot				
14	6.42 a m	Still	Bedford st	U S R R Co	U S R R Co	Electric car		Electricity				
15	4.32 p m	Still	74 Mill st	Mrs Jos Delehanty	Alice Grant	Dwelling	Wood	Oil stove accident	135.00	10.00	4,000.00	
16	1.26 p m	Still	Rear 138 Davis st					Burning rubbish				
17	2.42 a m	73	259-263 Rivet st	Geo A M Brier	G A M Brier et ali	Store & dwell	Wood		499.84	250.00	7,000.00	2,100.00
18	1.15 p m	Still	173 Collette st	Antonio M Lemos	Ernest Cote	Dwelling	Wood	Needless alarm				
19	12.50 a m	Still	75 Rounds st	Wallace Hathaway		Dwell in proc	Wood	Slaking lime	10.10		2,800.00	
	5.08 p m	Still	Court & Reed sts					Burning dump				
20	4.08 p m	423	3 McDonnell court	Samuel Goldys		Dwelling	Wood	Oil stove accident				
	6.25 p m	622	1-3 Brigham st	Wm G Cook	Wm G Cook	Dwelling	Wood	Boy and match	31.00	50.00	3,500.00	
22	12.13 a m	3	(Worcester st	Joseph Walsh	Joseph Walsh	Dwelling	Wood		800.00	417.50	800.00	500.00
	12.18 a m	3	(									
	7.14 p m	Still	198 Middle st	Jas H Hathaway	Jas H Hathaway	Dwelling	Wood	Burning curtains	34.00	98.40	5,000.00	1,600.00
23	12.20 a m	711	62 Acushnet av	Jose F Sylvia	Harry Roberts	Theatre	Wood		1,600.00	2,600.00	1,000.00	
23	11.40 a m	432	104 Cedar Grove st	Samuel Fegarsky	Anton Kulacki	Dwelling	Wood		10.00		3,490.62	
	9.56 p m	Still	273 Cedar st	Emma Hall	Hallet L Rice	Dwelling	Wood	Back draft				
25	3.23 p m	431	123 Belleville av	Simon Portnoy	Wm Duchaine	Dwelling	Wood	Burning food	10.00		2,694.00	
29	10.55 p m	Still	1638 Purchase st	Geo C Saxon	Mrs John Whitehead	Store & dwell	Wood	Footwarmer set fire		5.00		
30	10.45 a m	Still	19 Jean st	Louis Santos	Louis Santos	Dwelling	Wood	Defective flue	5.00		2,000.00	
31	4.49 p m	Still	17 Princeton st	Richard Bachman	Richard Bachman	Dwelling	Wood	Overheated flue				
	8.13 p m	431	248 Coggeshall st	M I Wischnietzky	Samuel Helfand	Store & dwell	Wood		90.00	266.66	4,500.00	300.00
									5,647.50	11,290.36	114,784.62	325,000.00

RECORD OF SIGNAL FIRES — FEBRUARY, 1915.

Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
1.00 a m	Still	Out of City-Acush									
1.10 a m	Still	Out of City-Acush									
7.57 p m	Still	24 High st	Wm Hersolf	Mr. Hatch	Dwelling	Wood	Burning soot				
5.05 p m	Still	School & So Wat st	Hurley Brady Co	Wm. G. Welsh	Storage	B&W	Faulty themostat				
3.28 a m	Still	Pur & Union sts	Bristol Bldg Corp		Stores & offices	Brick	Faulty thermostat				
8.14 a m	Still	351 County st	Lizzie Briggs	Lizzie Briggs & others	Dwelling	Wood		3,976.00	924.86	5,000.00	1,000.00
8.17 a m	616	(									
10.58 p m	434	53 Hicks st	Geo Whittaker	James H. Riley	Dwelling	Wood	Lamp accident	12.70		2,800.00	
6.15 a m	Still	350 Acushnet av	Wm B Macomber	H. C. Hathaway	Store	Brick		298.27	1,757.17	14,000.00	6,000.00
6.18 a m	561	(									
6.51 p m	71	614 So Water st	D Weitzman	D.Weitzman & others	Store & dwell	Wood		30.00	30.00	2,250.00	500.00
11.11 p m	43	1092 Acushnet av	Samuel T Lee	M. Haddad	Fruit store	Wood	Overheated stove	35.29	25.00	11,250.00	3,200.00
12.22 a m	463	944 County st	Alexander Seguin	Alexander Sequin	Black. shop	Wood	Spontaneous combus	7.00		2,500.00	
9.30 a m	Still	292 Cedar Grove st	Sarah Sebell	Sarah Sebell	Store & dwell	Wood	Spontaneous combus	55.00	45.00	2,800.00	900.00
1.32 p m	Still	794 Purchase st	Geo R Cherry	Cherry & Co.	Store	Brick	Naphtha accident				
4.42 p m	Still	So Orchard st					Burning dump				
9.35 p m	Still	117 Mott st					Smoke taken for fire				
1.39 p m	Still	1102 Purchase st	Mrs. Geo E Hatch	John D. Sherman	Plumbing shop	Wood	Overheated chimney	50.00		200.00	
2.20 p m	46	1076 County st	Marcus Weinberg	Philip Wilinsky	Dwelling	Wood	Child and match	20.00	75.00	3,000.00	500.00
9.07 p m	Still	14-16-18 Market st	First Nat Bank	Parker Auto Co.	Garage	Wood	Match accident	100.00	1,084.50		1,765.00
9.08 p m	56	(									
9.23 p m	552	523 County st	First Presby church	First Presby church	Church	Wood		2,467.00	1,200.00	10,600.00	
9.39 p m	Still	14-16-18 Market st	First Nat Bank	Parker Auto Co.	Garage	Wood	Remaining sparks		72.00		450.00
11.35 p m	Still	Spring & Pur sts	Maynard F Davis	Maynard F. Davis	Store	Brick	Faulty themostat				
3.23 a m	552	523 County st	First Presby church	First Presby church	Church	Wood	Remaining sparks				
8.40 a m	Still	523 County st	First Presby church	First Presby church	Church	Wood	Remaining sparks				
1.08 p m	Still	Count & School sts	Grace church soc	Grace Church Society	Church	B & S	No fire, reflection from				
8.14 p m	523	76 Shawmut av	D Edwin Allen	D. Edwin Allen	Laundry	Wood	furnace	200.00	120.00	400.00	2,800.00
5.25 p m	Still	Park & Parker sts					Burning grass				
2.13 p m	434	34 Belleville av	Jos Retkowski	Jos. Retkowski	Shed	Wood	Child and match	100.00	100.00		
8.22 a m	Still	212 So. Front st	Samuel Lima	Joseph Marshall	Dwelling	Wood	Burning soot	15.00		1,200.00	
10.30 a m	712	136 Blackmer st	Max Levy	Andrew Hollywood	Dwelling	Wood		68.52	5.00	8,000.00	
8.40 a m	3	Sassaquin	Chas A Spooner	Chas. A. Spooner	Dwelling	Wood		1,200.00	350.00	1,200.00	200.00
8.46 a m	Still	Elm & Sixth sts	U S P O Dept				Burning rubbish	15.00	8.00	6,000.00	3,000.00
5.13 p m	Still	35 Eighth st	Almy F Gifford	Almy F. Gifford	Dwelling	Wood	Gas lighter	10.00	10.00	6,000.00	3,000.00
9.23 p m	Still	67-73 William st	Est B H Waite	Power & Des & others	Stores & offices	Brick		2,518.82	18,246.61	16,000.00	41,350.00
9.25 p m	553	(									
12.30 a m	7	334 So First st	Cong L Hazedeck	Cong Lenos Hazedeck	Synagogue	Wood		10.00		1,400.00	
2.56 p m	Still	School & Water st s	Hurley Brady Co	Wm. G. Welsh	Storage	B&W	Defective thermostat				
6.30 a m	Still	127 Pleasant st	Lena Rusitzky	Ida E. Cohen	Dwelling	Wood	Defective chimney	81.55	35.00	1,000.00	500.00
5.25 p m	Still	North & Liberty					Burning grass				
6.46 p m	615	238 Acushnet av	Louis Queen	Louis Queen	Dwelling	Wood		375.10	300.00	3,000.00	1,200.00
								11,645.25	24,388.14	98,600.00	66,365.00

RECORD OF SIGNAL FIRES — MARCH 1915

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
								Burning brush				
1	1.10 p m	Still	Norman st					Burning grass				
	4.15 p m	Still	Robeson st					Overheated stove pipe	335.00	180.83	1,000.00	800.00
2	2.15 a m	712	113 Rivet st	Mary H Aspin	Manuel Sylvia	Variety store	Wood	Cigarette on awning	30.00	25.00	2,000.00	1,000.00
	12.34 p m	Still	63-65 Howland st	Frank Rogers	John B Mello	Grocery store	Wood	Burning dump				
	6.18 p m	Still	Maxfield						278.57	338.80	2,000.00	1,000.00
	11.14 p m	615	146 So. Second st	Joseph Rubin & Son	Joseph Rubin & Son	Mattress fac	C & W	Burning brush				
3	5.55 a m	Still	1818 Purchase st	B Dawson				Burning soot	25.00		4,600.00	
	4.56 p m	Still	Myrtle st		P St Clair	Store	Wood	Candle accident		328.50		1,200.00
	7.13 p m	Still	69 Walden st	Abraham Sher	Abraham Sher	Dwelling	Word					
	7.16 p m	551	(					Back draught				
4	8.46 a m	Still	119 Chancery st	Wm Pierce	Wm Pierce	Dwelling	Wood	Burning dump				
	1.10 p m	Still	Foot Washburn st					Burning brush				
	3.57 p m	Still	Rodney st					Burning grass				
	4.00 p m	Still	River rd						56.20	100.00	5,000.00	1,000.00
5	12.48 a m	415	397 Belleville av	W Tomknoinez	Antonio Luminello	Grocery	Wood					
	12.48 p m	Still	Purchase & William	Cummings estate	Cummings estate	Stores, offices	Brick					
	6.50 p m	Still	Maxfield st					Burning dump				
	7.57 p m	Still	Acush av & Bates st	Rene Picard		Automobile		Gasoline accident	75.00			
	8.41 p m	463	949 County st	O Hyman Lipnik	Walter J Briden	Dwelling	Wood	Lamp accident	40.00	25.00	2,500.00	
6	11.46 a m	441	363 Earle st	John Molk	Wm S Mahoney	Dwelling	Wood	Candle accident	200.00	200.00	2,500.00	500.00
	12.53 p m	Still	Parker st					Burning brush				
	3.14 p m	Still	536 So. Water st	John F Dias	Morris Schwartz	Dwelling	Wood	Clothes near stove		8.50		2,000.00
7	9.35 p m	Still	62 Ward st	Antone Martin	Antone Martin	Dwelling	Wood	Unusual smoke				
	11.10 p m	423	229 Sawyer st	Francois X Turgeon	Antone Souza	Dwelling	Wood	Rats and matches	250.00	20.00	3,000.00	
9	8.10 a m	43	1084 Acushnet av	John S Pye	T F Healey & others	Shoe store, etc	Wood	Gas stove accident	175.95	3,740.93	2,200.00	6,100.00
	4.19 p m	Still	Purchase & William	Cummings estate	Cummings estate	Stores, offices	Brick					
	8.44 p m	542	172 No Water st	John T Burbank	Central Lumber Co	Lumber sto'ge	Wood		716.24	60.06	5,300.00	5,000.00
10	12.44 p m	Still	Bullock st					Burning grass				
	2.16 p m	Still	Maxfield st					Burning dump				
11	8.13 a m	313	400 Bowditch st	Alfred Montpetit	Robert Howard	Variety store	Wood	Clothes near stove		5.00		
12	107 p m	Still	Chancery st					Burning dump				
	1.43 p m	Still	So Orchard st					Burning dump				
	3.41 p m	Still	Brock av & Bonney					Burning dump				
	7.24 p m	255	Foot Wamsutta st	N Y N H & H R R Co	N Y N H & H R R Co	Engine house	Wood	Gasoline accident				
	8.02 p m	431	2 McDonnell ct	Samuel Goldys	Not ascertained	Dwelling	Wood	Wood in oven				
13	3.27 a m	Still	130 Hawthorn st	Rufus A Soule Jr	Rufus A Soule Jr			Rubbish afire in street				
	7.11 a m	Still	1277 Purchase st	Est Helen Swift	Paul Trantuin	Dwelling	Wood	Burning soot				
	11.05 a m	Still	146 Davis st					Burning grass				
	11.20 a m	Still	DeWolf st					Burning brush				
	11.27 a m	Still	DeWolf st					Burning brush				
	1.38 p m	523	Park'r st & Sh'm't av					Burning brush				
	7.05 p m	Still	Rockd'le av & Kemp	Est Chas H Brownell	Manuel Lebovartz	Dwelling	Wood	Unusual smoke				
	10.55 p m	Still	Hawthorn & Reed st					Burning dump				
14	11.28 a m	Still	Acushnet av north					Burning grass				
	12.33 p m	Still	Grand st					Fire in distance				
	12.57 p m	3	Pine Grove C'm't'ry					Burning brush				
	3.53 p m	42	11 Holly st	Jos Mikosoyeryk	Joseph Mekosoyuyk	Dwelling	Wood	Child and match	19.53		2,800.00	
15	10.30 a m	Still	378 County st	Mrs Wm N Swift				Burning grass				
	11.59 a m	Still	Belle av & Davis st					Burning dump				
	1.33 p m	714	1031 So Water st	Adelas Langlois	Fanny Liss & others	Stores	B & W		9.50		8,000.00	
	2.53 p m	Still	Out of city-Acush									
	4.43 p m	Still	Collette st					Burning brush				
	5.00 p m	Still	Purchase st					Burning brush				
	7.22 p m	Still	(273 Purchase st	Wm Frieberg	Wm Frieberg	Dwelling	Wood		1,000.00	150.00	2,000.00	
	7.24 p m	72	(									
	8.58 p m	Still	Pur & William sts	Cummings estate	Cummings & others	Stores, offices	Brick	Incendiary				
16	1.00 a m	Still	West Willow st					Burning brush				
	9.10 a m	Still	1594 Purchase st	E Therrien	Nathan Aisenstat	Variety store	Wood	Falling of stove pipe	50.00	850.05		1,500.00
	11.40 a m	Still	Purchase st					Burning brush				
	3.35 p m	Still	655 Cottage st	John F Oates	John F Oates			False alarm				
	6.53 p m	4	511 No Front st	Fannie Keisner	Fannie Keisner	Dwelling	Wood	Lamp accident	75.00	50.00	3,500.00	1,000.00
	7.05 p m	Still	12-14 Bethel st	Est Jonathan Bourne				Burning rubbish				
	10.55 p m	561	41 Spring st rear	Ricketson estate	E D Davenport	Theatre, stable	Wood	Incendiary	425.00	70.00	2,800.00	1,000.00
			642-648 So First st									
17	6 07 p m	712	134-140 Blackmer st	M Levy & P Kolodziey	Peter Kolodziey	Dwell, stores	Wood	Unknown	2,518.12	535.00	9,500.00	1,000.00
18	1.33 a m	411	81 Davis st	Ovila Robitaille	Antone M Souza	Dwelling	Wood	Spontaneous combus	53.00	50.00	3,000.00	
	3.04 p m	Still	West of Ash st					Burning rubbish				
	8.46 p m	Still	Union & Sixth sts	Geo F Winslow	Chas Moynan	Stores, dwell	Brick	Electric wires	214.20		40,000.00	
19	10.31 p m	Still	Mill & Chancery sts					Burning grass				
	11.26 a m	Still	140 Newton st	Wm Thatcher	Mrs. Kelley	Dwelling	Wood	Burning soot				
	1.56 p m	Still	Church & Earle sts					Burning brush				
	4.15 p m	Still	Summer st					Burning brush				
	9.08 p m	4	511 No Front st	Fannie Keisner	Fannie Kersner	Dwelling	Wood	Unknown	35.00	75.00	3,500.00	1,000.00
	9.48 p m	49						False alarm				
20	1.50 p m	Still	Emer & W Elm sts					Burning grass				
	3.47 p m	Still	Lucas st					Burning brush				
	3.30 p m	Still	Stowell st					Burning brush				
	3.48 p m	Still	Church st & Cen av					Burning dump				
	9.57 p m	Still	Foot of Blackmer st					False alarm				
21	10.40 a m	Still	Lindsey & Kemp sts					Burning grass				
	11.48 a m	Still	155 Shawmut av	Wm Slight	Solon Sulham	Dwelling	Wood	Burning soot				
	11.55 a m	Still	795 So Water st	Wm P Butler	Samuel Reservitz	Store	Wood		49.50		1,000.00	
22	12.52 p m	Still	Belleville av					Burning grass				
	2.16 p m	Still	1007 Brock av	Richard Woodacre	Esther Etchells	Dwelling	Wood	Careless smoker		5.00		300.00
23	11.22 p m	553	832 Purchase st	Everett B Sherman	E B Sherman-others	Stores, lodge	Brick		353.43	581.63	10,500.00	3,500.00
24	11.43 a m	Still	Ashland place					Burning grass				
	12.36 p m	Still	W French av					Burning grass				
	12.50 p m	Still	Foot of Perry st					Burning grass				
	1.02 p m	81	Capitol st					Burning brush				
	1.25 p m	Still	Cove rd & Rock av					Burning brush				
	3.36 p m	Still	Out of city-Acush									
25	4.58 p m	Still	23 Arnold st	Mrs Fred'k Swift	Herbert E Walmsley	Dwelling	Wood	Burning soot				
	7.05 p m	Still	Union & Tremont sts					Burning brush				
	7.53 p m	Still	(866 Purchase st	Everett B MacLeod	E B McLeod & others	Stores	Wood		1,250.00	619.61	8,000.00	6,000.00
	7.55 p m	553	(									
26	2.00 p m	Still	Hadley st					Burning grass				
	2.36 p m	3	Plainville rd					Burning brush				
	3.09 p m	432	16 Washburn st	Philias Phaneuf	Philias Phaneuf	Dwelling	Wood		100.60	77.75	2,000.00	1,000.00
	4.22 p m	Still	28 James st	Alfred Thornton	Alfred Thornton	Dwelling	Wood	Burning soot				
	4.57 p m	513	531 Acushnet av	Mates Kranzler	John W Bear	Dwelling	Wood		52.01	50.00	3,000.00	
	5.15 p m	Still	Myrtle st					Burning dump				
27	7.43 a m	Still	111 Bonney st	Philip Leen	Philip Leen	Dwelling	Wood	Hot ashes in barrel	28.50		5,500.00	
	9.20 a m	Still	Rodney st					Burning brush				
	9.36 a m	813	100 Ruth av	August Danteuil	J A Piche & others	Grocery, dwell	Wood		210.00	110.30	4,500.00	2,000.00
	10.52 a m	Still	4 Washington st	John C Rooks	John C Rooks	Dwelling	Wood	Burning food				
	11.32 a m	Still	Abram st	Joseph Wyzga				Burning lumber		25.00		
	12.01 p m	Still	Rear of Parker st					Burning brush				
	12.12 p m	Still	Rear of Parker st					Burning brush				
	1.40 p m	Still	(65 Spruce st	Isaac R Case		Wood shed	Wood	Sparks from chimney	10.00		1,500.00	
	1.44 p m	524	(									
	1.54 p m	3	Kingcroft					Burning grass				
	6.37 p m	Still	142 Arnold st	Fred'k Stanton	Mrs Hart	Dwelling	Wood	Burning soot				
	8.00 p m	3	Elliott st					Burning brush				
	10.13 p m	612	9 Walnut st	Hyman Levin	David Cousens	Store & dwell	Wood		25.00		1,500.00	
28	6.32 a m	71	487 So Water st	Martha Freifield	Martha Freifield and others	Bakery, dwell	Wood	Gas jet near ceiling	24.70		3,500.00	
	1.05 p m	Still	474 Hillman st					Burning grass				
	109 p m	3	Shaw av n'r Plainv'l	Clark W Holcomb				Burning brush				
		Still	Shaw av n'r Plainv'l					Burning brush				
	1.34 p m	Still	Rockdale & Brock av					Burning brush				
	2.24 p m	3	River rd					Burning grass				
	2.57 p m	Still	Near Nausett st					Burning brush				
	3.13 p m	Still	Pine Grove Cem					Burning woods				
	3.27 p m	Still	Pine Grove Cem					Burning woods				
	4.33 p m	Still	Rodney & Brock av					Burning dump				
	5.14 p m	Still	Parker st					Burning brush				
	5.48 p m	3	Pine Grove Cem					Burning woods				
	9.45 p m	7	142 Acushnet av	Philip Albert	Philip Albert	Dwelling	Wood		8.00	22.50	2,500.00	395.00
	10.35 p m	Still	1285 Rockdale av	Geo B Borden	George H Borden	Storage shed	Wood	Incendiary	150.00	200.00	150.00	
29	12.41 a m	71	57 Prospect st	Fairpoint Corp	Louise Pina	Grocery, dwell	Wood		30.00	115.00	800.00	850.00
	11.55 a m	Still	Rear Parker st					Burning brush				
	1.26 p m	Still	Grant st					Burning brush				
	1.49 p m	Still	Shawmut av					Burning brush				
	1.52 p m	Still	Frederick st					Burning brush				
	2.04 p m	Still	Rear Parker st					Burning brush				
	2.41 p m	Still	Aquidneck st					Burning brush				
	3.10 p m	Still	Rear 726 Summer					Burning grass				
	3.30 p m	Still	229 Palmer st	Robert E Knapp	Robert E Knapp	Dwelling	Wood	Unusual smoke				
30	7.23 a m	56	75 Cedar st	Michael Gomes	Michael Gomes	Dwelling	Wood	Rats and matches	5.00			
	11.15 a m	3	76 Bowditch st	Thomas Hersom	Samuel Chaloner	Dwelling	Wood	Defective chimney	900.00	300.00	1,000.00	
	11.30 a m	Still	(									
	12.36 p m	713	307 So Water st	Julius Berkowitz	Wm Sloane & others	Stores, dwell	Wood		384.40	253.53	8,000.00	2,000.00
	8.58 p m	Still	75 Ellen st	Mormisdas Gosselin	John Kenyon	Dwelling	Wood	Gas light accident	2.00	5.00	2,500.00	1,100.00
31	2.26 p m	Still	Mott st					Burning grass	1,749.10	1,031.33	25,950.00	6,345.00
	2.55 p m	Still	Allen st & Rock av					Burning brush				
	3.30 p m	Still	Rodney st					Burning brush				
	3.42 p m	Still	Foot Washburn st					Burning dump				
	4.14 p m	Still	Foot Washburn st					Burning dump				
	4.42 p m	Still	Mott st					Burning brush				
									10,164.45	9,177.99	208,850.00	41,245.00

RECORD OF SIGNAL FIRES — APRIL, 1915.

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
1	9.50 a m	Still	Nausett st					Burning grass				
	2.16 p m	614	400 So Water st	Abram Krondivird	Abram Krondivird	Bakery	Wood	Defective chimney	50.00		6,000.00	
	2.36 p m	Still						Burning grass				
	10.22 p m	54	1074 Purchase st	Estate J B Ashley	Edmund D Pothier	Hotel	Wood		50.00		20,000.00	
2	10.26 a m	145	Foot of Middle st	U S R R Co	US R R Co	Power station	Brick					
	11.56 a m	Still	96 Newton st	Wm C Paddock	Wm C Paddock	Dwelling	Wood	Smoky oil stove				
	4.10 p m	Still	Rodney st					Burning brush				
	4.33 p m	Still	Capitol st					Burning brush				
	11.22 p m	71	35 W French av	Lemelin & Gosselin	Lemelin & Gosselin	Store & dwell	Wood	Broken gas pipe				
	11.25 p m	714										
3	7.50 p m	Still	202 Tinkham st	Ernest Neville	Michael J Norton			Burning ash barrel				
	8.58 p m	Still	1085 Purchase st	Mary O'Donnell	H Wrigley	Hat store	Wood	Unusual smoke				
4	11.48 a m	714	806 So First st	Cordelia Vien	Stanlack Morach	Dwelling	Wood					
	12.25 p m	Still	380 County st	Frank H Gifford	Frank H Gifford	Dwelling	Wood	Burning soot				
	1.09 p m	713	69 Delano st	John Regan	Fredera Murada	Store & dwell	Wood					
5	5.53 a m	462	R R nr Cedar Grove	N Y N H & H R R Co	NY NH & H RR Co	Snow plow		Overheated stove	400.00	300.00		
6	1.43 a m	712	472 So Second st	Est Jos B Smith	Joseph Motta	Dwelling	Wood	Careless smoker	5.00		2,000.00	
	11.30 a m	Still	463 So Water st	Wolf Schwartz	Herman Levin	Meat store	Wood	Careless smoker	10.00		5,800.00	
7	5.50 a m	Still	School & Water sts	N B Public W'house	N B P Warehouse	Storage	Brick	Faulty themostat				
	6.55 p m	523	West Parker st	City New Bedford	Cemetery Dept	Storehouse	Wood		150.00	25.00		
8	8.30 a m	542	152 No Water st	Chas S Paisler	Weeden Mfg Co	Storehouse	Brick		454.50	2,092.85	1,500.00	19,200.00
	1.19 p m	71	319 So Front st	Joseph DeMello	Jacinto Bento	Dwelling	Wood		25.00	10.00		
9	9.52 a m	Still	Kempton & Round					Burning grass				
	6.29 p m	Still	Clara st					Burning grass				
	8.26 p m	Still	Union & Tremont st					Burning grass				
10	9.15 a m	Still	358 Acushnet av	Wm B Macomber	E T Chapman & Co	Bowling alleys	Brick	Match accident	10.00			
11	9.16 a m	615	239 Acushnet av	Jacob Gotlieb	Morris Weiner	Dwelling	Wood	Careless smoker	64.00	75.00	4,000.00	800.00
	2.58 p m	54	1028 Purchase st	Estate J B Ashley	Nicholas Whalen	Saloon	Wood		110.00	100.00	10,400.00	
13	7.54 p m	513	545 Acushnet av	Seth A Wilcox	Joseph Sigazzals	Dwelling	Wood		1,301.30	500.00	2,500.00	
14	6.30 p m	3	Wood st					Burning brush				
15	11.58 a m	43	1087 Acushnet av	A Davis Ashley	Chas K Lewin	Store	Wood	Unusual smoke				
16	1.18 p m	Still	Dudley st					Burning brush				
	7.27 p m	Still	1691 Acushnet av	Diendonne Hasbeck	Diendonne Hasbeck	Grain store	Wood	Match accident	300.00	1,195.44	800.00	2,000.00
	7.30 p m	313										
	7.35 p m	324						Unnecessary alarm				
17	9.13 a m	Still	Foot Washburn st					Burning dump				
	12.40 p m	Still	Myrtle st					Burning dump				
	1.57 p m	Still	245 Union st	Dunn	A P Underwood	Dwelling	Wood					

APRIL — CONTINUED.

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
18	5.53 p m	Still	Bolton st					Burning brush				
19	4.55 p m	Still	Buttonwood woods					Burning brush				
	4.56 p m	434	11 Hampton ct	Wamsutta Mills	Patrick Lyons	Dwelling	Wood	Spark on roof	5.00			
	5.55 p m	Still	Court & Rockdale av					Burning rubbish				
20	9.33 a m	3	Tarkiln Hill rd	Cordelia Vien	John T Doyle	Dwelling	Wood	Burning ash barrel	15.00		2,000.00	
	12.29 p m	315	East of Belleville av					Burning grass				
	2.22 p m	Still	Myrtle & Sawyer sts					Burning dump				
	9.54 p m	Still	255 Union st	Manchester estate	Geo P Williams	Motor C Shop	Wood		460.00	1,441.44	1,000.00	3,000.00
	9.59 p m	56	255 Union st	Manchester estate	Geo P Williams							
	11.02 p m	Still	255 Union st	Manchester estate	Geo P Williams			Remaining sparks				
21	4.20 a m	Still	Myrtle & Sawyer sts					Burning dump				
	8.55 a m	Still	58 Blackmer st	Acushnet Mills	Manuel Rapoza	Dwelling	Wood	Burning soot				
	11.24 a m	Still	Davis st					Burning brush				
	7.35 p m	Still	284 Elm st	J. W Houtman	J W Houtman	Dwelling	Wood	Burning soot				
22	9.27 a m	Still	Purchase & Middle	No Christian Church	No Christian Ch	Church		Unusual smoke				
	12.52 p m	7	88 Grinnell st	M P Perry	M Pedro	Fish Market	Wood		95.00	25.00	5,500.00	
	5.20 p m	732	Nelson st					Burning dump				
23	12.22 p m	712	502 So First st	Joseph Bomasse	Isaac Alpert	Storage	Wood		50.00	50.00	7,991.00	7,991.00
	10.15 p m	Still	170 Summer st	Geo H Hedge	Henry K Durfee	Dwelling	Wood		1,335.00	669.95	2,000.00	1,000.00
	10.17 p m	524										
24	1.36 p m	3	Tarkiln Hill rd					Burning brush				
25	10.26 a m	Still	North of Durfee st					Burning brush				
	11.22 a m	Still	57 No Sixth	L P Smith	L P Smith	Dwelling	Wood	Back draught				
	12.00 m	Still	Rockdale av					Burning brush				
	3.23 p m	Still	Rear Parker st					Burning brush				
	4.21 p m	Still	Liberty & Smith sts					Burning brush				
	4.40 p m	Still	Myrtle & Sawyer sts					Burning dump				
	9.20 p m	Still	Myrtle & Sawyer sts					Burning dump				
26	10.33 a m	524	2 Shawmut av	Antonio F Cardoza	Antonio F Cardoza	Dwelling	Wood	Candle accident	40.50	33.00	1,000.00	500.00
27	4.50 a m	Still	Myrtle & Sawyer sts					Burning dump				
	1.25 p m	Still	1243 Acushnet av	Geo Boardman	Pheobia Fawcette	Store	Brick	Burning grease				
	5.55 p m	Still	483 County st	Mary E Coggeshall	Mary E Coggeshall	Dwelling	Wood	Burning soot				
	9.29 p m	3	2 Hawes st	Patrick J Mullen	Patrick J Mullen	Barn	Wood		345.00	150.00	2,000.00	
	9.40 p m	Still										
28	8.16 a m	714	1179 Brock av	Jos Broadman	Antone Martin	Dwelling	Wood		15.00	6.00	800.00	
	10.12 a m	Still	North of Nash rd					Burning brush				
	2.30 p m	Still	Acushnet av, north					Burning rubbish				
	2.53 p m	38						Burning rubbish				
	7.22 p m	Still	Out of city—Dart									
	8.25 p m	Still	668 Purchase st	C H Murphy & Son	C H Murphy & Son	Stable	Wood	Unusual smoke				
29	7.05 a m	Still	86 So Sixth st	Morse T D Mch Co	Mrs T Pennington	Dwelling	Wood	Unusual smoke				
									5,290.30	6,673.68	75,291.00	34,491.00

RECORD OF SIGNAL FIRES — MAY, 1915.

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Biulding	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
1	12.53 a m	Still	101 Hillman st									
2	2.48 p m	212	Wamsutta st	Wamsutta Mills	Wamsutta Mills	Cotton factory	Stone	Spon combustion				
	6.40 p m	Still	Sawyer st					Burning dump				
	10.03 p m	72	289 County st	William Levy	Abraham Levy	Dwelling	Wood		129.64	108.33	2200.00	1000.00
	10.57 p m	423	216 Sawyer st	Frank Phaneuf	Frank Phaneuf	Dwelling	Wood		2.00	1.00	2500.00	1100.00
4	2.40 a m	Still	Sawyer st					Burning dump				
	4.45 p m	Still	Sawyer st					Burning dump				
6	2.15 p m	Still	Sawyer st					Burning dump				
	5.51 p m	732	So. Orchard st	N E Cotton Yarn Co	N E Cotton Yarn Co	Picker room	Brick		75.00		1,035,000	
8	9.43 p m	Still	Out city, Fairhaven									
	10.15 p m	Still	Out city, Fairhaven									
9	8.02 a m	Still	(rear Shawmut av	N B Extractor Co	N B Extractor Co	Garbage plant	Brick	Gasoline explosion	1652.70	881.87	25,000.00	15,000.00
	8.05 a m	484	(rear Shawmut av									
	3.31 p m	741	Edwards st	City New Bedford	Water Dept	Tool house	Wood					
	5.20 p m	Still	Summer & Durfee	U S R R Co		Electric car		Electricity				
	10.10 p m	Still	Blackmer st					Burning dump				
11	7.47 p m	71	347 So. Second st	Manuel G Souza	Joseph Jolly	Garage	Cement	Match accident	866.78		4000.00	
12	3.05 p m	3	Morris Park					Burning brush				
	7.21 p m	43	355 Coggeshall st	Stephen Peters	Joseph Cueton	Dwelling	Wood			5.00		
13	12.25 a m	Still	40 Elm st	Mrs James Dowden	Mrs Frank Lewis	Dwelling	Wood	Careless smoker		13.00		1000.00
	8.29 a m	714	r 125 Cove st	Joseph Keroack	Joseph Keroack	Stable	Wood		200.00	25.00	400.00	
14	9.15 a m	Still	Purchase st					Burning brush				
	2.13 p m	Still	Acushnet av	Robert'n Mo Car Co		Automobile		Gasoline accident				
17	8.10 a m	Still	202 State st	Est Bradford Smith	Mrs. Wood	Dwelling	Wood	Burning soot				
	4.51 p m	Still	492 Sawyer st	Joseph A Poirier	Wilfred Jukes	Dwelling	Wood	Oil stove accident	67.00		3500.00	
19	4.58 p m	Still	King's Highway					Burning brush				
20	10.16 p m	49	915 Rockdale av	Howland Bros	Wm J Sadler	Dwelling	Wood		20.30	3.00	800.00	
21	11.27 p m	48	r 102 Durfee st	Geo Broadmeadow		Chick house	Wood	Lamp accident				
22	2.14 a m	Still	(1-7 Union st	City New Bedford	Wm F Potter & Co	Wh grocery	Wood	Lightning	250.00	4279.29		57,841.32
	2.16 a m	143	(1-7 Union st									
24	8.30 a m	544	114-120 Front st	Est Thos C Knowles	Hugh E Schmat Co	Loom rl wks	Stone	Heater accident		31.96		2500.00
27	3.40 a m	Still	1487-1489 Purch'se	John H Galligan	John H Galligan	Furn store	Wood	Hot ashes in barrel	20.00		5000.00	
	10.45 a m	Still	(Foot Pearl st	Hill & Cutler	Hill & Cutler	Waste mill	Brick	Spark in picker	500.00	1200.00	500.00	2000.00
	10.50 a m	512	(Foot Pearl st									
	1.31 p m	464	86 Clark st	Sam'l Genensky, 2d				Burning fence	10.00			
	7.32 p m	Still	Durfee st					Burning brush				

MAY — CONTINUED.

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
28	4.08 p m	334	Purchase st					Burning brush				
29	11.58 a m	Still	Nash rd					Burning brush				
	1.56 p m	Still	421 So Water st	Julius Semiansky	Amelia Spewe	Dwelling	Wood	Unusual smoke				
	8.02 p m	Still	116 Rounds st	Sarah Sisson	George Pike	Dwelling	Wood	Burning soot				
	11.08 p m	Still	310 Acushnet av	Westby & Baker	Samuel Trikakes	Hat store	Wood	Gas-jet near ceiling	5.00	10.00		
30	1.00 a m	74						False alarm				
	6.35 a m	714	169 Cove st	Labiore Lapre	Labiore Lapre	Store-dwelling	Wood	Match accident	267.00	225.00	4200.00	300.00
	5.17 p m	3	Sassaquin					Burning brush				
31	6.17 a m	Still	817 So Water st	Annie Lumiansky	Manuel Annis	Store-dwelling	Wood	Cigarette on awning.				
	2.37 p m	431	Out city, Fairhaven									
	6.35 p m	Still	1587 Purchase st					Burning ash barrel				
									4,065.42	6,783.45	1,083.100	80,741.32

RECORD OF SIGNAL FIRES — JUNE, 1915.

Date	Tme	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
1	12.39 p m	Still	197 Clinton st	J W Bishop Co	J W Bishop Co	Storage shed	Wood	Spark on roof	2.00			
3	10.52 a m	Still	r 7 Willis st	Alfred Adamsky		Stable	Wood	Child and match	2.00			
	10.55 a m	Still	Church st					Burning brush				
	11.00 p m	Still	Brigham & Taber	Manuel L California	Mary Palmer	Dwelling	Wood	Match accident	2.00	5.00		
	11.41 a m	72	114 So Sixth st	Harry Finkel	Harry Finkel	Dwelling	Wood	Child and match	18.35	39.65	2000.00	300.00
4	11.50 a m	Still	Foot Washburn st					Burning dump				
	3.40 p m	Still	Brooklawn Park					Burning dump				
	3.59 p m	Still	Pleasant st	Masonic Bldg Asso	Wentworth Clo Co	Clothing store	Brick	Cigar on awning	33.82	21.54	44,500.00	10,000.00
5	10.01 a m	Still	Foot of Pearl st	Hill & Cutler Co	Hill & Cutler Co	Waste shed	Wood					
	4.28 p m	741	168 Hemlock st	Jesse Raphael	Thomas Lee	Dwelling	Wood	Burning grass				
6	5.58 a m	Still	Coggeshall st brdg									
8	5.15 p m	Still	2 Durfee st					False alarm				
9	12.56 p m	Still	23 Main st	Geo W Randall	Wm R Ward	Wood shed	Wood	Child and match				
	2.16 p m	Still	Fairhaven bridge	John McCullough		Automobile		Back fire				
10	7.43 p m	Still	114 Rotch av	Howard M Gibbs	Howard M Gibbs	Dwelling	Wood	Burning soot				
11	9.21 a m	Still	157 Crapo st	Mrs Powers	Antone Paul	Dwelling	Wood	Back draft				
	9.53 a m	Still	Logan st	N Y, N H & H R R	N Y, N H & H R R	Bridge						
	1.34 p m	Still	215 No Second st	Est Geo W Lewis	Est Geo W Lewis	Storage	Wood	Spark from chimney				
	5.35 p m	Still	Brock av n Cove st					Burning dump				
	5.52 p m	Still	Brock av					Burning dump				
	7.50 p m	Still	Fairhaven bridge									
	8.00 p m	Still	Court & Reed sts					Burning dump				
12	7.25 p m	Still	East French av					Burning grass				
13	6.00 a m	412	1617 Acushnet av	Eli Racicot	Albert Shellinberg	Variety store	Wood	Careless smoker	1345.00	431.45	10,000.00	500.00
	4.13 p m	Still	Pine Grove Cem					Burning brush				
	6.30 p m	Still	Bel'ville av Sawyer					Unusual smoke				
14	1.37 p m	614	226 Front st	Adeline J Wood	Frederick Rose	Dwelling	Wood	Child and match	25.00		600.00	
15	7.21 a m	252	30 East Merrimac	Dominick Pastre	Mrs Angelo Regazzo	Dwelling	Wood	Defective flue	642.75	98.60	1000.00	600.00
	9.21 p m	74	48 Hemlock st	Eugene Fernandes	Eugene Fernandes	Dwelling	Wood	Lamp accident	29.50		2500.00	
16	8.05 p m	Still	Crapo and Winsor					Burning dump				
	8.25 p m	Still	Brock av					Burning dump				
	8.25 p m	Still	Brock av					Burning dump				
17	10.57 p m	58	80 Cedar st	Mary E Saxon	Garrison Oliver	Dwelling	Wood	Lantern accident	10.00	8.00		500.00
18	5.07 a m	7	158 Acushnet av	Edward W Galligan	Christopher Oliver	Lunch wagon	Wood	Gasoline explosion	270.00	150.00	2000.00	
19	5.08 p m	Still	Brock av					Burning dump				
20	9.54 a m	Still	830 Purchase st	Everett B. Sherman	E B Sherman & Co	Cafe	Brick	Hot ashes	25.00		10,500.00	

JUNE — CONTINUED

Date	Time	Signa	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
21	10.52 a m	Still	r 175 Acushnet av	Jos S Williams	Jos S Williams	Stable	Wood	Spark from chimney	5.00		4000.00	
	1.35 p m	Still	Bowditch st	Theodore Loranger		Automobile			150.00		500.00	
	7.53 p m	Still	Elm & Purchase					Burning oil				
22	4.08 a m	Still	Elm & Pleasant sts	U S Government		P O in process	Stone	Spon combustion				
	10.03 a m	544	Pier 4	Arthur F. Butler	Arthur F. Butler	Fishing sloop		Gasoline explosion	2052.25	30.00	1000.00	100.00
24	5.45 a m	Still	23 North st	Benj Dawson & Son	Alonzo F Winslow	Dwelling	Wood	Burning soot				
26	4.33 p m	Still	Foot of Hillman st					False alarm				
	4.34 p m	313	Acush av n Bel rd					Burning electric pole				
27	12.05 a m	Still	Myrtle & Sawyer	S Beserosky		Dwel in proc	Wood	Slaking lime				
29	5.36 p m	3	(									
	5.50 p m	Still	(Bow'ch & Menton	Katie Grovinsky	Katie Grovinsky	Dwelling	Wood	Overheated chimney	1500.00	300.00	1000.00	700.00
									6112.27	1084.24	79,600.00	12,700.00

RECORD OF SIGNAL FIRES — JULY, 1915.

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
1	12.22 p m	Still	45 Bowditch st	John G Nicholson	Unoccupied	Dwelling	Wood	Child and match				
2	3.10 a m	723	147-151 County st	Emily R Bettencourt	A A Perry & others	Store & dwel	Wood		501.00	270.00	10,000.00	4000.00
4	2.45 p m	Still	Winsor & Bonney					Burning dump				
	10.03 p m	Still	1538 Acushnet av	Ulric E Collette	Domengo S Mello	Barber shop	Wood	Fireworks on awning		3.00		
5	12.48 a m	612	127-129 So Water	John A Gomes	Rosa Sylvia	Groc & dwel	Wood		214.16	100.00	2000.00	
	8.06 a m	431	7 Grandfield st	Chas C Tilton	Chas Arsenault	Dwelling	Wood	No fire				
	2.45 p m	423	287 No Front st	Louis Ginsberg	David Kesel	Dwelling	Wood					
	9.45 p m	Still	141 Reynolds st	David Cantor	David Cantor	Dwelling	Wood	Fire balloon	1.00		4000.00	
	11.07 p m	Still	Kempton st	U S R R Co		Electric car		Electricity				
8	6.53 p m	Still	Acush av & Pearl	N Y, N H & H R R	N Y, N H & H R R	Freight house	Brick	Locomotive spark				
9	3.06 a m	Still	26 Hillman st	Jacob Herschoff	Mrs Stern	Dwelling	Wood	Careless smoker		10.00		
11	10.25 a m	Still	Sawyer st	N Y, N H & H R R	N Y, N H & H R R	Bridge		Locomotive spark				
	4.43 p m	Still	121 Bates av	Christian Joseph		Hen house	Wood	Match accident	2.00			
12	10.04 a m	Still	Foot of Pine st	Holmes Coal Co	Holmes Coal Co	Storage	Wood					
	4.20 p m	Still	989 Purchase st	Ida G. Borden	Harry P Barrows	Restaurant	Wood	Burning grease		5.00		
	7.15 p m	74	505 Bolton st	Antonio B Gracia	Antonio B Gracia	Bakery	Wood	No fire: boiler explo				
	7.27 p m	Still	179 Acushnet av	Ephraim C Palmer	James C Ferguson	Laundry	Wood	Defective chimney	5.00		4000.00	
14	9.07 a m	614	10 Morgans lane	Hyman Miller	Antone Forts	Dwelling	Wood	Defective chimney	10.00		1500.00	
15	12.35 p m	Still	Brock av					Burning dump				
	1.14 p m	54	159 No Second st	Arelia C Blossom	Blossom Bros.	Planing mill	Wood	Pipe in pocket				
	2.10 p m	Still	Buttonwood Park					Burning brush				
	4.25 p m	Still	514 Kempton st	Mrs Eldridge	Mrs. Offley	Dwelling	Wood	Burning soot				
	6.33 p m	Still	202 State st	Est Bradford Smith	Mrs. England	Dwelling	Wood	Defective chimney				
17	12.57 p m	Still	Acushnet av	Bay State St R R		Electric car		Overheated motor				
	3.07 p m	414	417 No Front st	Chas C Tilton	John P Lemieux	Dwelling	Wood	Lightning	139.00		12,500.00	
18	11.00 a m	Still	356 County	Robert C Sherman	Robert C Sherman	Dwelling	Cement	Child and match				
	11.42 a m	Still	115 Nash rd	Aldege Chausse	Chas Tredeon	Dwelling	Wood	Back draft				
	12.13 p m	Still	1937 Purchase st	Est Bradford Smith	Joseph Deroska	Dwelling	Wood	Burning meat				
	1.46 p m	Still	199 Orchard st	Elsie Swift	Elsie Swift	Dwelling	Wood	Burning food				
	5.36 p m	463	78 Penniman st	Max Rosenblum	Elizabeth Isherwood	Dwelling	Wood	Child and match	39.50	65.00	3500.00	1500.00
19	2.21 p m	Still	341-343 Acush av	Sullivan & Desmond	Sullivan & Desmond	Hotel	B & W	Hot range near wall	66.50	100.00	32,000.00	2500.00
	5.18 p m	Still	341-343 Acush av	Sullivan & Desmond		Hotel	B & W	No fire				
21	7.35 p m	432	168 No Front st	Sobestijian Filipiek	Andrew Kosiba	Dwelling	Wood	Child and match	55.00	90.00	3000.00	300.00
23	2.34 a m	Still	Out city, Acushnet									
26	9.19 a m	Still	Brock av					Burning dump				
	3.35 p m	421	143 Holly st	Mary Lonsdale	Mary Lonsdale	Dwelling	Wood	Burning food	7.00		3000.00	

JULY -- CONTINUED.

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
27	10.58 a m	Still	35 Mill st	Mrs. James Dowden	Mrs F E Tucker	Dwelling	Wood	Gas stove accident				
	12.06 p m	Still	127 Union st	Chas M Carroll	F S Brightman Co	Store	Wood	Unusual smoke				
	3.55 p m	Still	r 7 Willis st	Adam Adamsky	Unoccupied		Wood	Child and match				
29	10.22 a m	254						Alarm accident				
30	9.48 a m	423	287 No Front st	Louis Ginsbburg	Louis Ginsburg	Dwelling	Wood	Careless use of match	1000.00	1000.00	3000.00	400.00
	11.23 a m	Still	56 Jenney st	Manuel Almeida	Manuel Almeida	Dwelling	Wood			2.00		800.00
	2.35 p m	Still	120 Bullard st	St Anthony's church	St Anthony's church	Convent	Wood	Painter's torch	25.00			
	3.52 p m	562	93-109 Union st	Chas E Cook	Thos H Kearns	Hotel	B & W		2082.20	1681.52	25,500.00	10,000.00
	9.37 p m	5	147 State st	Daniel G Dinnigan	Patrick Reddy	Dwelling	Wood	Child and match	10.00	5.00	1500.00	
31	9.51 a m	Still	West Middle st					Burning dump				
	3.25 p m	Still	Cof av & N Front	William Lemaire		Automobile		Back fire	75.00			
									4232.36	3331.52	105,500.00	19,500.00

RECORD OF SIGNAL FIRES — AUGUST, 1915.

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
1	8.57 p m	Still	Elm st	U S R R Co		Electric car		Electricity				
2	1.11 p m	432						False alarm				
4	10.00 a m	561	331-333 Acush av	Jos C Furnans	J Brown	Clothing store	Wood	Unusual smoke				
	2.05 p m	Still	Cogges'l & Howard					False alarm				
5	3.35 p m	Still	629 First st	Lizzie Hickey	W Floreck	Lunch room	Wood	Burning food	10.00		2500.00	
6	7.59 a m	Still	Sawyer & Purch					Burning electric pole				
7	6.50 p m	221						No fire				
8	1.38 p m	422	232 Sawyer st	Mary Harley	Adelard Bousquet	Dwelling	Wood	Child and match	25.00		2500.00	
	2.30 p m	Still	County & Smith	Chas F Trull, Jr		Automobile						
14	10.43 p m	3	Oliver st	S Kawczynski	S. Kawczynski	Dwelling	Wood		1490.00	587.50	1600.00	600.00
	10.55 p m	Still										
16	9.55 p m	422	1285 Acushnet av	Joseph Bouvier	Ovilla Boucher	Store-Dwell'g	Wood	Discarded cigar	40.41	746.43	4000.00	5000.00
17	1.54 a m	552	High and Foster	Odd Fellows' Asso	Lodge Odd Fellows	Lodge rooms	Wood	Incendiary	2888.75	2666.02	13,000.00	3550.00
	5.00 a m	Still	High and Foster	Odd Fellows' Asso	Lodge Odd Fellows	Lodge rooms	Wood	Remaining sparks				
	1.00 p m	Still	High and Foster	Odd Fellows' Asso	Lodge Odd Fellows	Lodge rooms	Wood	Remaining sparks				
	1.32 p m	Still	Parker st					Burning dump				
	4.20 p m	513	533 Acushnet av	Mates Kranzler	Mates Kranzler	Dwelling	Wood	Oil-stove accident	23.00		3000.00	
19	9.17 p m	Still	Lexington st	John M Salles, Jr		Automobile		Short circuit	2.00		750.00	
20	1.20 a m	512	1293 Purchase st	J L Robert	J L Robert	Dwelling	Wood	Careless smoker	5.00	28.75	4000.00	1000.00
	7.25 a m	Still	37 Bowditch st	Cook & Smith	John G Nicholson	Shed	Wood	Spark from chimney				
	1.29 a m	Still	Brock av					Burning dump				
21	11.10 a m	524	73 Spruce st	James McFarline	James McFarline	Storage shed	Wood	Boy and match	17.50		3000.00	
	2.07 p m	Still	Foot Pine st	Holmes Coal Co	Holmes Coal Co	Storage	Wood	Spon combustion				
23	1.07 p m	Still	Crapo & Winsor					Burning dump				
	2.10 p m	Still	140 Bullard st	Treffle Messier	Ernest Pothier	Dwelling	Wood	Burning food	4.10		3200.00	
	7.28 p m	Still	267 Bowditch st	Joseph Bellevian	Daniel LeBlanc	Dwelling	Wood	Carless use of match	30.00	24.50	4000.00	1500.00
24	11.41 a m	6	101 School st	Elmer E Robbins	Elmer E Robbins, Jr	Dwelling	Wood	Careless smoker	68.80	172.00	4000.00	6000.00
26	11.10 a m	7	90 Howland st	John B Francis, Jr	Michael L Sylvia	Dwelling	Wood	Burning soot	2.00	5.00	3500.00	
	3.15 p m	Still	131 State st	Chas E Cook	Richard Manonkian	Dwelling	Wood	Child and match	10.00	5.00	2600.00	
28	12.29 a m	59	Court and Newton	City of N Bedford	School dept	School	Brick	Incendiary	1500.00			
	4.31 a m	531	(North st	Wm A Carroll	Wm A Carroll	Car factory	Wood		13,500.00	20,704.60	11,500.00	23,000.00
	4.39 a m	53	(North st	Wm A Carroll	Wm A Carroll	Car factory	Wood					
	5.28 a m	57						Unnecessary alarm				
29	2.32 p m	Still	Middle st	—— Lemaire		Automobile						
30	8.18 a m	813	r 36 Salisbury st	A Lewis Langlois	A Lewis Langlois	Ash house	Wood		10.00			
31	5.20 a m	Still	25 So. Second st	Chas L McBay	Theresa Parker	Dwelling	Wood	Careless smoker	10.00	15.00	2500.00	
									19,636.56	24,954.80	65,650.00	40,650.00

RECORD OF SIGNAL FIRES — SEPTEMBER, 1915.

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
2	6.35 p m	Still	Brock av					Burning dump				
	10.14 p m	Still	Out city, Dartm'th									
3	4.20 p m	Still	71 Concord st	Benj A Lamothe	Felix Chartier	Garage	C'crete	Burning automobile		10.00		
4	11.46 a m	Still	199 Purchase st	Manuel Viera	Annie Caton	Dwelling	Wood	Back draught				
6	2.02 p m	Still	Blackmer & Water	Geo Moss		Stable	Wood	Child and match	5.00			
	8.15 p m	714	36-40 W French av	Carroll & Fontaine	Thos H Hall et ali	Bak & dwell	B & W	Unusual smoke				
7	7.32 a m	Still	3 Wall st	Antonio Bono	Antonio Wood	Dwelling	Wood	Burning soot	10.00		600.00	
	11.43 a m	Still	Maxfield st					Burning dump				
8	6.44 p m	Still	Division & Crapo					Burning dump				
10	10.07 p m	Still	North & Lindsay	Wm A Carroll	Wm A Carroll	Carriage fac	Wood	Unusual smoke				
11	3.05 p m	Still	Elm st n Purchase	Alfred J Nixon				Burning automobile	51.16		100.00	
12	7.39 p m	51	(716 Acushnet av	Joseph Carrando	Catharine Capra	Groc & dwell	Wood	Spark on roof	1000.00	306.25	2500.00	500.00
	7.42 p m	512	(716 Acushnet av					Unnecessary alarm				
13	5.50 p m	Still	Out city, Fairhav'n									
14	11.40 a m	Still	797 Purchase st	Henry H Crapo	J V Spare D G Co	D goods store	Stone	Overheated boiler	58.90	135.55	30,000.00	45,500.00
15	11.22 a m	Still	Weld St RR cros'g									
17	6.23 p m	71	499 So First st	Harry Shuster	Harry Shuster	Dwelling	Wood	Candle accident	8.00	15.00	1500.00	500.00
18	5.05 a m	Still	Brock av					Burning dump				
	8.30 a m	Still	Bonney st					Burning dump				
	10.30 a m	Still	Foot Blackmer st					Burning dump				
	10.40 a m	484	Hathaway rd	Est Ed H Gammons	Est E H Gammons			Burning stumps				
	5.33 p m	Still	Howland & Water					False alarm				
19	3.06 p m	Still	21 Seventh st	Henry N West	Henry N West	Dwelling	Wood	Unusual smoke				
20	2.25 p m	Still	Foot Washburn st					Burning dump				
22	4.02 p m	Still	521 Hathaway rd	David Grew, Jr	David Grew, Jr	Dwelling	Wood	Burning soot				
	4.25 p m	415	49 Phillips av	Jan Szymoniski	Alfred Moisette	Dwelling	Wood	Child and match	56.25	50.00	4000.00	
23	3.35 p m	741	320 Dartmouth st	Antonio M Gonsalves	Antonio M Gonsalves	Dwelling	Wood		26.25	10.00	1500.00	500.00
24	2.38 a m	432	2 Washburn st	Justyna Rutkowski	Joseph Musakoski	Dwelling	Wood	Careles fumigating	153.00	35.00	4800.00	300.00
	11.05 a m	Still	Hathaway st	Dolor Goodreau		Office	Wood	Child and match	5.00			
26	12.55 a m	434	r 42 Washburn st	Kazmievz Kiorpinski	Octer Gonabski	Dwelling	Wood	Careless smoker	25.00	25.00	3000.00	
	10.38 a m	47	1438 Pleasant st	Est Thomas Riley	Thomas Green	Dwelling	Wood	Spark on roof	75.00		1800.00	
27	1.45 a m	Still	93 Belleville rd	Mary P Smith	Edward H Blake	Dwelling	Wood	Careless smoker	8.50	20.00	1500.00	
	1.28 p m	615	321 So Water st	Hyman Goodman	Hyman Goodman	Fur store-dwel	Wood			100.00		
	2.27 p m	Still	24 So Sixth st	Est John Wing	Wm A Wing	Dwelling	Wood	Burning soot				
28	6.48 a m	42	12 Nye st	Alphege A Bonneau	Louis Payette	Dwelling	Wood	Petroleum explosion	23.00	20.00	4000.00	
	9.48 a m	723	51 Nelson st	Cyrille Maillioux	Arthur Gagne et al	Dwelling	Wood	Sparks from chimney	10.00	25.00	4000.00	800.00
29	5.20 a m	Still	106 Rivet st	Clara Couet	James F Robinson	Variety store	Brick	Cigarette	5.00		6000.00	
	11.47 a m	Still	2 Ashley st					False alarm				
	2.36 p m	622	484 Allen st	Antone P Mello	Antone P Mello	Dwelling	Wood	Child and match		5.00		
	3.02 p m	Still	r 19 Weld st	Benj Dawson	Morris Brody			Cigarette in yard				
30	1.50 p m	Still	So Orchard st					Burning dump				
	11.25 p m	561	William & Pleasant	Benj Cummings	Chas S Ashley Jr Co	Offices-stores	Wood	Defective elec wires	1190.52	1842.88	9000.00	8450.00
									2710.58	2599.68	74,300.00	56,550.00

RECORD OF SIGNAL FIRES — OCTOBER, 1915.

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Biulding	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
1	5.48 p m	Still	Allen st					Burning dump				
4	2.49 p m	462	5 Jean st	Pierre Legere	John Maginnis	Dwelling	Wood		728.00	75.00	2500.00	
5	12.03 a m	Still	Foot of Coffin st					Burning dump				
	8.05 p m	Still	25 Summit st	Fred Jones	Fred Jones	Dwelling	Wood	Burning soot				
6	8.40 a m	Still	1279 Pleasant st	George A Auger	George F Bliven	Dwelling	Wood	Burning soot	9.25		800.00	
	10.11 a m	Still	770 Kempton st	Wm Hambly	Wm Hambly	Dwelling	Wood	Defective furnace				
10	3.05 p m	Still	2 Wamsutta st	M & T Denault	M & T Denault	Lumber yard	Wood	Boy and match				
12	12.54 a m	Still	230 Union st	Geo F Winslow	Archie C Gardner	Jewelry store	Brick	Oily mop				
13	11.15 a m	Still	221 Davis st	George Tomlinson				Hot ashes in barrel				
	4.09 p m	Still	Out city, Acushnet									
16	10.43 a m	Still	371 Reed st	Louis Wolf	James Dazell	Dwelling	Wood	Gasoline accident	35.00	25.00	3000.00	
	3.25 p m	Still	62 Independent st	Antone L Sylvia	Antone Cabral	Dwelling	Wood	Child and match	15.00		2500.00	
17	7.17 p m	255	Willis Point	N Y N H & H R R	N Y, N H & H R R	Engine shed	Wood	Gasoline explosion	5.00			
19	8.13 a m	Still	Purchase & Spring	S. C. Lowe Sup Co		Automobile		Backfire				
20	12.32 p m	615	152 So Second st	Rose Almeida	Manuel Livrament	Dwelling	Wood	Burning food				
21	11.58 a m	Still	Union & Pleasant	U S R R Co		Electric car		Electricity				
23	8.35 a m	Still	89 State st	Ernest A Jennings	Susan Perry	Dwelling	Wood	Open fireplace	37.00		5500.00	
	8.55 p m	3	England st	Wosyl Rojik	Wosyl Rojik	Dwelling	Wood	Defective chimney	1000.00	15.00	1500.00	
24	11.38 a m	Still	N Front & Bullard	Louis Larivierre		Automobile		Faulty carbureter	15.00			
25	10.42 a m	561						Alarm accident				
	10.46 a m	Still	r 500 So Second	Samuel E Bentley	Josephine Nunes	Wood shed	Wood	Child and match	10.00			
	11.35 a m	Still	1671 Acushnet av	Adolph Florent	Ernest L Jones	Dwelling	Wood	Burning rags	20.00		8000.00	
	6.57 p m	Still	20 Arch st	Chas E Pierce	Chas E Pierce	Dwelling	Wood	Burning soot				
26	9.08 p m	Still	Bonney & Mosher					Burning dump				
28	10.21 p m	614	426-428 So Water	Manuel J. Sylvia	Harry Kindell	Dwelling	Wood	Burning grease				
29	12.33 a m	544	Pier 3			Schoon, Alles			200.00			
	1.40 a m	323	229 Irvington st	Antonio Santos	Antonio Santos	Dwelling	Wood		132.20	50.00	1500.00	
	5.15 p m	Still	14 Eighth st	Chas D Prescott	Geo L Olivier	Dwelling	Wood	Match accident				
30	10.47 p m	59	Court & Tremont					Burning brush				
31	4.04 p m	Still	Clinton st					Burning leaves				
									2,206.45	165.00	25,300.00	

RECORD OF SIGNAL FIRES — NOVEMBER, 1915.

Date	Tme	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
1	8.43 a m	Still	400 Second st	Haskins & Gibson	Frank Sylvia	Dwelling	Wood	Child and match	10.00	10.00	2000.00	
	8.55 a m	Still	Spring st					No fire				
2	5.11 a m	741	24 Weaver st	James H Finnigan		Dwelling	Wood	Plasterer's stove	139.70		2000.00	
	11.02 a m	Still	1972 Acush av					False alarm				
	11.35 a m	Still	Liberty st					Burning dump				
3	8.08 a m	Still	South of Nash rd					Burning brush				
	12.05 p m	Still	King st					Burning brush				
	6.55 p m	Still	r 1605 Acush av					Burning ash barrel				
	7.40 p m	311	129 Perry st	Chas F Chase	Henry Villenauve	Pla- house	Wood	Child and match	15.00			
4	7.05 a m	521	r 74 Parker st	Brad O Hathaway	Brad O Hathaway	Toolhouse	Wood	Spark from chimney	25.00			
	5.35 p m	Still	1939 Purchase st	Est Brad Smith	Levi Gendron	Dwelling	Wood	Burning soot				
	6.10 p m	Still	Pleasant st			Automobile		Leaking gasoline				
	7.40 a m	Still	74 Parker st	Brad O Hathaway	Brad O Hathaway	Toolhouse	Wood			25.00		
5	4.01 p m	524	119½ Sycamore st	Wm G Brown	James O Cowen	Dwelling	Wood		74.00	37.75	300.00	300.00
	5.45 p m	Still	Maxfield st					Burning dump				
7	3.58 a m	Still	(15 Center st	Wm D Sherman	Brightman Bros	Paint factory	Brick	Heater ignited floor	152.65	70.00	2100.00	5000.00
	4.08 a m	544	(15 Center st									
	6.55 p m	Still	Weld st RR bridge					Locomotive spark				
8	7.10 a m	416	351 No Front st	Dan W Kendrick	John Rodrigues	Dwelling	Wood	Cigarette	20.00	70.00	2700.00	900.00
	10.37 a m	3	Morris Park					Burning brush				
9	2.43 a m	Still	135 So Water st	Est Chas F Folger	Max Fox	Junk store	Wood	Spon combustion		5.00		
	5.42 p m	Still	Robeson st					Burning rubbish				
10	11.41 a m	Still	Allen st					Burning dump				
11	5.05 p m	Still	1601 Acush av	John B Lowney	Oscar I LaForest	Drug store	Wood	Sparks from heater	36.00	44.00	13,000.00	3000.00
	9.58 p m	621	291 Allen st	Leroy W Wilber	Leroy W Wilber	Dwelling	Wood	Lantern accident	40.00	19.48	1500.00	400.00
13	2.12 p m	Still	(Jenney & Elm sts	Frank Howes		Barn	Wood		10.00			
	2.14 p m	59	(Jenney & Elm sts									
14	12.53 a m	58	61 Cedar st	Louis Goodman	Chas Pierce	Dwelling	Wood		206.30	50.00	2000.00	
	8.45 a m	Still	67 Acushnet av	Anth'y L Medeiros	Henry Bulcao	Dwelling	Wood	Defective stove pipe	10.00		3000.00	
16	10.45 a m	Still	Maxfield st					Burning dump				
	6.08 p m	Still	Bonney & Mosher					Burning dump				
19	5.00 p m	Still	Acush av & North	E E Taylor Co	E E Taylor Co	Shoe factory	Wood	Telegraph wires				
	8.55 p m	Still	Purchase & North	Est J B Ashley	Edward Pothier	Hotel	Wood	Burning couch	10.00	151.25	15,000.00	19,907.00
20	7.09 p m	416	78 Nye st	Alph A Bonneau	Alph A Bonneau	Dwelling	Wood	Candle accident	93.00	222.50	5000.00	1500.00
21	12.19 a m	714	1035 So Water st	Adelor Langlois	Morris Pildus	Shoe store	B & W		286.80	400.00	2000 00	2000.00
	1.46 p m	416	1406 Acush av	Hyp Choquette	Hyp Choquette	Dwelling	Wood	Overheated stove	99.00		5800.00	

NOVEMBER — CONTINUED

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
22	4.45 p m	Still	126 Reynolds st	Mrs Ainsworth	Mrs Ainsworth	Dwelling	Wood	Unusual smoke				
23	12.20 a m	Still	(13 Spruce st	Sarah Leach	George H Tripp	Dwelling	Wood	Overheated chimney	208.20	100.00	1000.00	
	12.24 a m	551	(13 Spruce st									
	3.50 a m	714	159 Cove st	Her L. Grumbt	Docter Gorner	Repair shop	Wood		188.30	100.00	200.00	
	6.51 p m	Still	Nash rd					Electric light pole				
	9.05 p m	313	126 Eugenia st	Rbt Winterbottom	Sarah Woolam	Dwelling	Wood	Defective chimney	1345.00	200.00	3500 00	500.00
24	7.30 p m	Still	Purchase st	U S R R Co		Electric car		Electricity				
26	4.40 p m	Still	r 139 Earle st					Needless alarm				
	7.09 p m	731	24 Juniper st	John Quinn	John Quinn	Barn	Wood	Boy and match				
28	10.04 a m	Still	Out city, Dartm'uth									
29	5.12 p m	Still	Maxfield st					Burning dump				
									2968.95	1504.98	61,100.00	33,507.00

RECORD OF SIGNAL FIRES — DECEMBER, 1915.

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
2	10.47 a m	Still	845 So Water st	Philip Genensky	Harry I Korobkin	Drug store	Wood	Boy and match	20.00		4000.00	
	4.32 p m	Still	285 Earle st	Philibert Poulin	Ovide Gelinas	Dwelling	Wood	Burning food				
	7.28 p m	Still	1772 Pleasant st	Mrs Geo Wilson	Mrs Geo Wilson	Dwelling	Wood	Burning fence				
5	2.52 a m	431	163 Coggeshall st	Mar'aret Dunkerley	Mar'aret Dunkerley	Dwelling	Wood	Careless smoker	30.00	3.00	5000.00	
	9.55 p m	431	8 Beetle st	Frank Jabunoski	Frank Jabunoski	Dwelling	Wood	Lamp accident	26.70	50.00	3500.00	500.00
8	9.13 a m	431	159 Coggeshall st	Albert Cohen	Geo Burkette	Dwelling	Wood		18.94		2500.00	
	8.13 p m	Still	117 Cottage st	Geo R Wood	Geo R Wood	Dwelling	Wood	Burning soot				
9	1.58 a m	Still	Purchase & North		Harry A Gifford	Bakery	Brick	Electric wire				
	8.02 p m	5	64 Hazzard st	Arthur Dumas	Arthur Dumas	Dwelling	Wood	Defective chimney	190.55	400.00	1000.00	500.00
10	4.45 a m	553	989 Purchase st	Ida G Borden	Harry P Barrows	Restaurant	Wood		175.00	315.00	2500.00	2000.00
	11.59 a m	Still	87 Jenney st	Lydia Taber	Abraham Niles	Dwelling	Wood	Burning soot				
	12.18 p m	Still	County st	Wamsutta Club	Wamsutta Club	Club house	B & W		15.00		32,000.00	
	5.51 p m	723	40 Nelson st	Qurbinio Pifo	Antone Florio	Store	Wood	Overheated flue				
11	10.39 a m	Still	103¾ County st	C T Bosworth		Store	Wood	Gas accident	5.00			
	12.42 p m	713	910 So Water st	G & L Poisson	Joseph Reyhorn	Dwelling	Wood	Overheated stove	35.00	5.00	11,500.00	
	5.38 p m	Still	402 County st	Thos H Knowles	Thos H Knowles	Dwelling	Wood	Burning soot				
12	3.30 a m	Still	49 Delano st	S Paquette	M M Sylvia	Stable	Wood	Burning ash barrel	2.00			
13	4.22 a m	Still	(1051 Purchase st	Est J B Ashley	Edward D Pothier	Hotel	Wood		401.00	194.00	15,000.00	19,756.15
	4.25 a m	54	(1051 Purchase st									
14	1.21 p m	813	28-30 George st	Daniel Buckley	Daniel Buckley	Dwelling	Wood		1500.00	350.00	3000.00	500.00
15	8.25 a m	513	518 Acush av	—— Austin	Thomas Davis	Dwelling	Wood	Boy and match				
	5.06 p m	Still	46 Newton st	Wm Owers	Dennis Shea	Dwelling	Wood	Burning soot				
	9.25 p m	Still	76-80 Elm st	Jos A Burke	Jos A Burke	Bowling alley	Wood	Cigarette				
16	6.32 p m	422	1209 Acush av	Victor Dion	Delina Leduc	Dry Go store	Wood	Electric light	25.00	181.50	7500.00	15,200.00
17	2.30 a m	712	819-821 So Water	Annie D Lumiansky	H Davis & others	Dwelling	Wood		333.41	25.00	8300.00	1500.00
	12.52 p m	313	112-114 Bellevil rd	Theodore Bergerson		Dwel in proc	Wood	Careless smoker	25.00		5000.00	
	4.22 p m	Still	112-114 Bellevil rd	Theodore Bergerson		Dwel in proc	Wood	Steam mistaken smoke				
	4.50 p m	813	(25 Ashley st	Arcide Dagesse	Ambrose Lepoint	Dwelling	Wood	Child and match		5.00		500.00
	4.53 p m	813.	(25 Ashley st					Unnecessary alarm				
18	12.58 a m	431	r. 251 Coggeshall st	Jacob Fleischer	Louis Manas	Dwelling	Wood	Gas accident	6.43	5.00	1800.00	
19	11.10 a m	Still	243 Coggeshall st	John C Brown	Lucio Costa	Dwelling	Wood	Burning food				
20	9.35 a m	413	1496 Acush av	Zoel Roy	Abraham Bernstein	Tailor shop	Wood	Overheated stove	57.00	75.00	13,000.00	800.00
21	6.02 p m	Still	163 Hawthorn st	Jos M Read	Jos M Read	Dwelling	Wood	Burning soot				
	9.29 p m	432	167 No Front st	Wlad Antoinowiez	Frederick Barros	Dwelling	Wood	Careless smoker	5.00	15.00	2500.00	
23	4.18 p m	423	82 Holly st	Philabert Poulin	Ernest Payton	Dwelling	Wood	Child and match	26.67	20.00	2000.00	
25	8.40 p m	Still	283 Coggeshall st	Simon Cassis	Simon Portnoy	Store & dwel	Wood		290.55	3000.00	4000.00	3000.00
	8.46 p m	431	283 Coggeshall st									
27	8.42 p m	317	80 Eugenia st	Joseph Bolduc	Frank Collard	Dwelling	Wood	Spon combustion	250.00	50.00	2000.00	500.00
29	7.03 p m	58	316 Ash st	Caledonia Thorn	Caledonia Thorn	Dwelling	Wood	Overheated chimney	594.26	150.00	1500.00	
30	12.46 a m	Still	139 Front st	Mer Warehouse Co		Storehouse	B & C					
	9.44 p m	811	166 Clara st	Harry J Wagner	John W Wood	Dwelling	Wood	Oil heater overturned	350.00	200.00	3500.00	1500.00
31	4.40 p m	Still	Foot Washburn st					Burning dump				
									4382.51	5043.50	131,100.00	46,256.15

THIRTY-SEVENTH ANNUAL REPORT

OF

THE BOARD OF HEALTH

OF THE

CITY OF NEW BEDFORD

To the City Council for the Year 1915

NEW BEDFORD, MASS.:
NEW BEDFORD PRINTING CO., PRINTERS
1916

REPORT

NEW BEDFORD, JANUARY 1, 1916.

To His Honor, the Mayor and Gentlemen of the City Council:

The Board of Health submits herewith its report for the year 1915:

THE DEATH RATE.

The whole number of deaths during the year 1915 was 1719, against 1750 in 1914. The rate for last year, based on the census population of 109,652, was 15.67 for each 1,000 inhabitants. The rate for 1914, based on the estimated population that year of 110,000—which was probably too high—was 15.90.

The deaths of children under one year of age number 495, as against 534 in 1914, a decrease of 39. The infant death rate is usually figured on the basis of each thousand of births, and as the exact number of births is not available, no death rate can be given.

EDUCATIONAL WORK.

Health officers are coming more and more to realize that the promotion of the public health and the prevention of disease—both of which are duties imposed upon boards of health—must depend in large measure on the people themselves. There is a point beyond which, inspection, the enforcement of regulations, the supervision of sources and supplies of food and drink, cannot be carried. That point has very nearly been reached. The activities of boards of health in the past have been largely along these lines. They have produced excellent results which prove that they were

aimed in the right direction, and that they must be carried on in the future with patience and diligence. They must be supplemented, however, by an attempt to awaken among the people what some one has called the sanitary consciousness. The public health officer can fight disease, and in some cases he can do a great deal in the way of preventing disease, as by safeguarding the milk and water supplies; but at a certain point the limit of his effectiveness is reached, and the responsibility of the individual begins. The prevention of disease, both of communicable diseases and of the degenerative or so-called wear and tear diseases of middle life, is in the last analysis in the hands of the people themselves. Each person in the community should be a volunteer health officer, and if that ideal situation is so striven for, it is essential that two things be done; the interest of the people must be awakened, and they must be instructed how to avoid the diseases which now levy such a heavy toll of lives.

It would be hard to say whether indifference or ignorance is the more serious obstacle. Certainly the former is more difficult to overcome. The person who does not know can be taught: the one who does know but does not care is a hard problem. One thing is sure—to educate the ignorant, and to arouse the indifferent to a sense of their responsibility in this important work of promoting the health, and thereby the efficiency and happiness of the community, the most effective agency is publicity.

Printer's ink, it has been said, has been one of the most potent instruments at the disposal of the health officer. At the beginning of the year, the present board determined to make use of printer's ink to the fullest extent its means permitted. It had been the board's policy to send, to families from which cases of typhoid fever and tuberculosis were reported, circulars stating the precautions to be observed with reference to these diseases. Their policy was carried further by drawing up similar circulars relative to scarlet fever, measles, whooping cough and diphtheria. For the

guidance of teachers in the public schools, the rules of the board and of the school committee, as agreed upon in conference were published in book-form, and along with them was reprinted a comprehensive outline of the symptoms of diseases common among school children first published by the State Board of Education. At the beginning of the school year in September 18,000 copies of a circular entitled "To the Parents of School Children" were distributed in the public and parochial schools. From time to time during the year Health Bulletins relating to timely subjects and to diseases during the season of their prevalency, were published in all the papers of the city. In all twenty-five of these bulletins were printed during the year. The week after Christmas the Baby Welfare exhibit of the State Department of Health was displayed in the Free Public Library and a considerable quantity of literature relating to the care of babies was distributed. In the fall, we began the display of brief health bulletins on the screens of six of the moving picture theatres, the proprietors of which generously agreed to enable us to reach the public in this way without charge. The only expense in this has been the cost of the lantern slides. The theatres which are co-operating with the board in this work are the New Bedford, the Orpheum, Thevien, the Savoy, the Pastime and the Comique. Finally, in this connection, mention should be made of a lecture on the work of the public health officer given by the agent of the board, William G. Kirschbaum, before the Howard M. E. Church Brotherhood upon its invitation.

In all of the publicity work the purpose has been chiefly to teach people how to avoid catching and spreading disease, to awaken their interest in public health matters, to secure their co-operation, to instruct them in personal hygiene and to spread the gospel of good health generally. Progress along this line must necessarily be slow, but we believe that the work is valuable and that if continued, as it will be, it must be productive of good. We have not done as much as we should have liked to do; that we did as much as we did

was due in large measure to the liberality of the newspapers which published the Health Bulletins free of charge.

FOOD INSPECTION.

A rather unusual use of newspaper publicity was made in connection with the board's efforts to improve the conditions under which foods were prepared and handled. Attention was directed chiefly to ice cream manufactories and to bakeries. In both we found, along with places in which the conditions under which it was handled were all that could be desired, other places which were highly objectionable and a few which were positively revolting. After the ice cream investigation, which was undertaken first, had been under way for some time, we came to the conclusion that the department's efforts to improve conditions would gain in effectiveness if the general public knew what the conditions were. Here again the question of the responsibility of the public came in. If there was to be any public demand for clean ice cream, it was felt, the public must first know the facts. Accordingly, through co-operation with the New Bedford Sunday Standard, a writer was detailed to accompany the board on its inspections, and to publish, with pictures, an account of the conditions, bad as well as good, as he found them. Subsequently the same course was pursued with reference to the bakeries, some of which were found to be unsanitary and otherwise objectionable. By these means, public interest in ice cream manufactories and bakeries was aroused, and a public sentiment for greater cleanliness created which reinforced the efforts of the department to remedy the evils found.

The board personally visited the ice cream manufactories and many of the bake-shops. In one or two cases where it was found that ingredients deleterious to health were being used the manufacturers were induced to go out of business. The cleaning up of dirty plants was insisted upon; and samples of ice cream were taken from time to time and tested as to the percentage of milk fat contained. Copies of

existing regulations were sent to each manufacturer of ice cream, and a set of rules setting forth what the board required under the regulations was formulated.

In all, the board and the inspector of milk and provisions made 186 inspections of bakeries during the year, with the result that conditions were appreciably improved, and one unsanitary bakeshop was abandoned. The number of market inspections was 702, and here as well many improvements were effected. It was found that regulations are of slight value in this kind of health work. Dependence must be placed in frequent inspections, the number of these was increased as compared with the previous year, and an effort will be made to increase the number still further in 1916.

MEDICAL SCHOOL INSPECTION.

Early in the year a committee representing the board conferred with a committee representing the school committee and drafted rules governing medical school inspection. These rules, we believe, have worked well. With them, as we have stated, we published suggestions to teachers to enable them the more efficiently to perfect medical inspection of school children by recognizing symptoms of diseases which call for the attention of the physician or nurse.

OPHTHALMIA NEONATORUM.

Up to 1915, the practice of the board has been to have cases of ophthalmia neonatorum and bad eyes in infants treated by oculists whose services were engaged as needed at a flat charge of two dollars a visit. There was paid to oculists in 1914 the sum of $5,311.87 for 2,655 visits. The board last February concluded that a saving to the city could be effected by supplying an oculist at a fixed annual compensation in return for which he was to perform all services required of him. The compensation was fixed at $2,000. Up to January 1 he had made 1,969 visits, which under the old system would have cost $3,938, a saving of $1,938.

PLUMBING ORDINANCE.

The plumbing ordinance drafted by the board in 1914 and sent to the city council was referred back to the board in February for a conference with the master and journeymen plumbers. At this conference a few minor changes were agreed upon, and the ordinance was enacted to go into effect the first of July.

A CLEAN CITY.

In the early spring complaints were received of the condition of the public dumps which, it was alleged, constituted a nuisance. With the idea of remedying conditions, and of making the streets, lanes and yards in the city cleaner, a conference was called with the Superintendent of Streets, the Chief of Police and the Chief of the Fire Department. The result was an improvement in conditions at the dumps, and, at the suggestion of the board, the cleaning of the streets in the centre of the city early Sunday morning, the Superintendent of Streets co-operating to that end. What was particularly desired was the active co-operation of the police in the abatement of minor nuisances. The chief promised his assistance along this line, and the police have on many occasions rendered valuable service. We feel, though, that more can be done in this direction, and that the police department can without neglect of its other duties enforce health ordinances and regulations to the improvement of sanitary conditions in the city.

BABY WELFARE WORK.

The infant death rate, which has long been a source of concern to the health department, was lower in 1915 than in 1914. At least, the total number of deaths of children under one year of age was materially reduced and was the smallest in many years despite the increase in population. Incomplete birth returns make it impossible to figure the infant mortality rate, but we have reason to believe that that

has also been reduced. Even so, the number of babies dying from preventable causes is high, and the problem of infant mortality demands the best efforts of the department and the community.

It is difficult to determine how this problem can most effectively be attacked. The system of milk supervision, we believe, and the milk stations maintained in the summer by the New Bedford Instructive Nursing Association, safeguard the milk supply upon which so many babies are dependent. There is no relaxation in the effort to maintain good general sanitary conditions. Housing is probably a factor, and here something may be accomplished under the statute which gives the board a better control of tenement houses. It is gratifying to note that the efforts of the department and of other agencies have resulted in reducing the number of infant deaths each year since 1911.

During the past year, a corps of investigators working under the direction of the federal government made a survey of the deaths of infants in this city for the year 1913. The findings of these investigators may, when they are published, shed some light on the factors which contribute to making New Bedford's infant death rate higher than that of most cities in the state. Meanwhile, it seems probable that these factors include improper feeding and unfavorable prenatal conditions. The care of the baby must begin before it is born if it is to have a fair chance in the world. If feeding after the baby comes is important, so are the precautions which the mother should observe before it comes, for her own sake as well as for the baby's. How far the industrial conditions, under which women are employed in the cotton factories, in many cases up to within a few days of confinement, affect the infant death rate, we have no means of knowing, but they are undoubtedly a factor of importance.

If our conclusions are correct, our main reliance must be placed in educational work. Mothers must be instructed in the care of the baby both before and after it is born. The

physician can contribute to this, but as doctors are often not called except at child-birth, and sometimes not even then, other ways of reaching the mothers must be tried. The obvious ways are through printed instructions and public nurses, and of these the latter are by far the more helpful.

For some time the board has been sending to each family from which a birth is reported a brief circular printed in English and foreign languages, explaining how the baby should be cared for. Much excellent work has been done by the Instructive Nursing Association, whose nurses have in many cases visited mothers of the newly-born, and have instructed them in the proper care and feeding of the babies. Some attention is also being given by the district and the department nurses to women who expect to be confined. Copies of the book entitled "The Baby and You," furnished by the Division of Hygiene of the State Department of Health, are being placed in the hands of prospective mothers, while the nurses personally explain the instructions therein given. Special attention will be paid the coming year to this sort of prenatal work.

The problem of infant mortality is a community problem, and the community should unite in this as in other phases of public health work. The complete birth returns, when they are available, will furnish the basis for a useful classification of the baby deaths as to nationality and residential districts. In the meantime the promotion of the Baby Welfare work offers a splendid opportunity for public service to the fraternal, religious and philanthropic organizations of the city.

MONTHLY EXPENDITURES.

December	$9,515.66
January	8,531.52
February	8,188.75
March	8,414.74
April	8,680.43
May	9,150.26
June	9,707.76
July	12,602.52
August	8,836.74
September	9,870.42
October	8,915.76
November	9,046.06
	$111,460.62

PRINCIPAL ITEMS OF EXPENDITURE.

Office Supplies and Postage	$1,260.07
Ophthalmia Neon	*1,751.64
Isolation Hospital	4,228.94
Automobiles	493.04
St. Luke's Hosp. (Cont. Dis.)	1,410.29
St. Luke's Hosp. (T. B.)	1,435.44
Other Sanatoria	1,468.56
New Bedford Sanatorium	30,729.45
Salaries	24,992.00
Derby Hospital	276.19
Other Cities and Towns (T. B.)	1,259.55
Other Cities and Towns (Cont. Dis.)	1,345.72
Small Pox	7,930.09
Vaccination	1,025.99
Outside Relief (Cont. Dis.)	191.95
Outside Relief (T. B.)	4,939.64
Child Welfare	266.05
Car tickets	350.00
Traveling expenses	335.41
New Bedford Extractor Co	25,500.00

*Not including salary of Oculist.

VACCINATIONS.

During the year there were 1,631 free vaccinations performed by the board.

TEMPORARY INSANE.

During the year there were four examinations under Chap. 394, Acts of 1911.

PLUMBING.

During the year there were issued 1,029 permits for plumbing work of all kinds, 595 being for old buildings and 434 for new structures. The work is classified as follows:

Water closets	1561
Sinks	1382
Bathtubs	830
Washbowls	974
Washtubs	298
Urinals	41
Drains	50
Deep traps	11
Surface traps	17
Conductors	59
Soda fountains	6
Shower baths	8
Stables	4

LICENSED UNDERTAKERS.

The following are the undertakers in this city:

Frank L. Rogers,
Henry J. McDonald,
A. P. Lagasse & Son,
Aldege Chausse,
Peleg H. Sherman,
W. C. Vaughan, Jr.,
Rodolphe J. Carrier,
Jeremiah F. Sullivan
W. S. Dillingham,
Henry J. Proulx,
Joseph S. Williams,
John E. Moriarty,
Charles H. Sullivan,
William A. Payette,
Vital Girard,
Edward D. Murphy,
Thomas E. Greene,
Harris & Dustan,
Henry P. Wilson Est.,
E. T. Wilson, 2nd, Mgr.

Respectfully submitted,

J. UBALDE PAQUIN, M. D.
COOPER GAW,
JOSEPH R. GLENNON,
Board of Health.

REPORT OF AGENT AND EXECUTIVE OFFICER.

NEW BEDFORD, JANUARY 1, 1916.

To the Board of Health:

GENTLEMEN:—The statistical record of the work performed in this department under my supervision is herewith appended.

The value of the services of the nurses connected with the department is more apparent with each year, and as the State Department of Health has relieved the local board from the care of all forms of tuberculosis, other than pulmonary and laryngeal, more attention can be given to the follow-up work of cases discharged from the various sanatoria. Mrs. Chace, who has charge of this work, has rendered valuable aid in many homes. In addition to these visits to sufferers from tuberculosis, she has made 2,331 visits to the homes of the newly born, where midwives have officiated. The following table gives the detail of this work:

	No. of Births.	Reported by Midwives.	Visits by Nurse.	Reports of Ophth. Neon.	Reports of Sup. Conj.
January	276	73	170	4	2
February	271	76	214	7	6
March	321	76	206	6	14
April	277	76	223	4	7
May	255	50	176	5	13
June	325	82	247	5	14
July	262	62	179	4	6
August	313	75	193	3	7
September	258	63	191	4	5
October	256	60	188	1	7
November	245	58	171	5	11
December	251	60	173	4	9
Totals	3310	811	2331	52	101

MILK SUPERVISION.

During the year there were made 408 inspections of dairy farms, supplying this city with milk. This work was accomplished with Dr. H. B. Hamilton, milk inspector. With but

few exceptions milk rooms and cow stables were found to be in good condition. As I have stated in previous reports there are always some producers who need continual watching, and the sooner such dairies are stricken from the list the better it will be for the inhabitants of New Bedford. It is gratifying to report that a number of the principal dealers are now pasteurizing the milk distributed by them. In addition to the above inspections there were made 45 inspections of the sources of bad milk. The following table is self-explanatory:

	No. of Samples	Cans	Bottles	Duplicates	below 50,000 per CC	Above 200,000 per CC
January	63	15	48	7	54	5
February	31	2	29	0	30	0
March	85	4	81	0	82	0
April	215	23	192	14	183	16
May	206	30	176	20	174	22
June	49	17	32	1	42	3
July	54	10	44	5	46	4
August	187	20	167	7	167	11
September	132	32	100	15	107	14
October	0	0	0	0	0	0
November	31	1	30	0	27	3
December	1	0	1	0	0	1
Totals	1054	154	900	69	912	79

SMALL POX.

Twenty-three cases of this disease developed in the south part of this city with ten deaths. This epidemic broke out in what is known as the Cape Verde Colony, the first case discovered being a woman in an advanced eruptive stage of the disease. She claimed to have been vaccinated eight years prior to this event, but there was no evidence of vaccination, and it is presumed that she had been treated but without success. She was found in a boarding house in one of the thickly settled sections on South Water street.

The next day after discovery, a similar case was found a short distance from the above location, and on this same day it developed that the parties had visited at a friend's house in the neighborhood, in which was found a man recovering from a mild type of the disease. It was impossible to trace the origin of the disease in this man, but all cases which developed later were directly traceable to this one mild case, the man having been successfully vaccinated thirteen years prior to his attack. The subsequent spread was due to various causes: concealment of cases, ignorance, carelessness and indifference—the last phase of the situation being very noticeable from the fact that these people insisted upon calling at each other's houses during the early stages of the disease and prior to the time of quarantine. It was only after the authorities had prevailed upon the pastors in charge of these people to impress upon them the necessity of keeping away from houses of friends until the epidemic was under control, that the authorities were able to check the spread, so inherent is the practice of neighborly calls by this class of people. The vigorous action of the board in locating, removing, quarantining, vaccinating and segregating the cases finally arrested the progress of the disease, but not until the fatalities were in excess of 43%.

The epidemic was of unusual violence as evidenced by the percentage of deaths noted. In most cases the type of the disease was confluent and of the twenty-three treated at the small-pox hospital four were of the haemorrhagic type. The case first treated, from which others contracted the disease, as stated, was mild, and the tenth case found was also of a mild form, this patient having been successfully vaccinated a few years prior to the attack. Complications in the majority of cases were not infrequent.

A serious phase of the epidemic, one which was not generally known rests in the fact that pupils in the Donaghy, Thomas A. Greene and Cedar Street Schools had been exposed to the disease and they were closely watched for the usual period, the School Inspectors of these schools giving

almost their whole time in supervising scholars daily in the rooms affected. Fortunately not a single case developed and this fact was undoubtedly due to recent vaccinations as the children under observation had but recently entered the public schools.

In addition to the school children mnetioned above, 165 persons exposed to the disease were quarantined the usual period.

TUBERCULOSIS.

The financial year, ending November 30, 1915, gave us the highest record yet attained in the treatment of persons suffering with this disease, necessitating a large expenditure of money. In 1914 the expenditure was large, but the past year with its increased demands, brought the expenditures up to $37,255.83, an increase of $3,220.37. The fact that during the year 29 persons were discharged as arrested from the disease, should encourage the people of this city to keep on in the good work. The arresting of the disease in 29 persons is a record to be proud of, for it means that that number of persons were discharged as able to engage in some favorable occupation. Otherwise, if neglected, they would have become a continuous charge on the public funds.

During the year there were treated 278 cases, the New Bedford Sanatorium caring for 210 suffering with pulmonary tuberculosis. Treated at their respective homes were 74, 35 of whom were sent to the Sanatorium to complete treatment. Eighteen were given treatment at St. Luke's and Derby Hospitals, most of these cases being for other forms of the disease, while 16 so called State cases were removed to the State Infirmary at no expense to the city. The disposition of these cases, exception being made to State patients and those treated at St. Luke's and Derby Hospitals is as follows:

New Bedford Sanatorium	210
Tewkesbury	1
Lakeville	7
Westfield	1
North Reading	2
Treated at home	74

We began the financial year of 1916 on December 1st with 77 patients at the local institution, 24 at their homes, and one each in Westfield, Lakeville and the Acushnet Sanatorium.

The nativity of the patients treated last year follows:

New Bedford	71
United States	46
Canada	39
Azores	35
England	15
Cape de Verde	10
Poland	10
Ireland	9
Austria	8
Portugal	6
Italy	3
Prince Edward Island	2
Sweden	2
Germany	1
Russia	1
Scotland	1
Belgium	1
Wales	1
Brazil	1

The occupations of these patients are classified as follows:

Mill operatives	120
Housewives	29
School children	50
Laborers	10
Painters	5
Shoe workers	5
Carpenters	3
Salesmen	4
Grocery store	3
Teamers	3
Farm hands	2
U. S. R. R.	2

ONE EACH.

Reporter	Clerk
Second girl	Steamfitter
Laundress	Linotype operator
Electrical worker	Dressmaker
Fireman	Theatrical manager
Cracker cutter	Stone cutter
Soap factory	Page boy in Library
Ship steward	Insurance agent
Drill cutter	Lumberman
Florist	Inspector cut glass
Bartender	Paper hanger
Solderer	Tailor

It will be noticed that the mill operatives were by far the greatest sufferers, and this fact should impress every textile worker in the community to the necessity of a stricter observance of the laws of hygiene. Too often the textile worker who is forced to take his noonday meal in the mills, prefers to linger within the walls of the mill after eating. If instead, the balance of the noon hour was utilized by walking in the open air, breathing in pure air, great good would result.

At different times during the year there have been long waiting lists for admission to the New Bedford Sanatorium. In some instances attempts were made to find places for the sick at the State Sanatoria, but the policy of the State Trustees of Hospitals for Consumptives forbids the admission of patients in the advanced stage of the disease. Not only do they refuse to take New Bedford cases of this type, but also cases which the Commonwealth is bound by law to support. By this action beds often times have been monopolized by strangers, while our own people, those who have a settlement here, have been forced to a long period of waiting and treatment at home. If this policy of the State Board is to continue, there must needs be a change in the local policy of treatment or increased facilities at the local institution.

Under the old law the New Bedford Board of Health declared Pulmonary Tuberculosis a dangerous disease and made it reportable. This action was taken November 1, 1905. For the two months of that year but few cases of Pulmonary Tuberculosis were reported—but the next succeeding year, 1906, the records show that 149 cases were reported with 124 deaths for that year.

Then under an amended law the State Board of Health was given authority to declare communicable diseases to be reported to the various Boards of Health in the Commonwealth, and among the diseases so declared was Tuberculosis. The record of cases reported and deaths (all forms) for each year since December 31, 1906, is as follows:

Year.	Cases Reported.	Deaths.
1907	139	133
1908	190	124
1909	205	122
1910	204	102
1911	208	129
1912	246	115
1913	342	157
1914	401	164
1915	476	164

When this city began its work of wiping out the "Great White Plague" the outlay was not very large, but there has been a steady increase since that beginning, which was in 1909. During the seven years ending November 30, 1915, there were treated from the public funds of New Bedford 1,239 cases at an outlay of $148,932.52. Quite a sum when you stop to consider the matter. Prior to this work, say during the year 1908, the expenditures in the Health Department were $42,691.91, and since then there has been a steady increase year by year, largely due to this most commendable work, which should have the encouragement of every thoughtful citizen. The expenditures for the seven years mentioned above are as follows:

1909	$50,332.80
1910	60,436.09
1911	67,977.75
1912	81,288.99
1913	97,806.55
1914	101,518.59
1915	111,460.62

Of the above the following amounts were expended for the care and maintenance of persons suffering with tuberculosis:

Year.	No. of Cases.	Expenditures.
1909	81	$8,000.00
1910	157	10,000.00
1911	137	12,855.76
1912	153	23,468.57
1913	196	23,140.30
1914	237	34,212.06
1915	278	37,255.83

The first payment to the city under the subsidy act for the care of persons suffering with tuberculosis was in 1913,

and the amount has increased with each year since. The total amount received from all sources in the care of tuberculosis patients since 1908 is $31,430.18, of which sum $18,390.09 was paid under the subsidy act.

OTHER CONTAGIOUS DISEASES.

During the year this department was called upon to treat many cases of so called children's diseases, which came to us from the physicians of the Poor Department. At the Isolation Hospital we treated during the year, 10 cases of Scarlet Fever and nine cases of Diphtheria, the Scarlet Fever ward being opened 23 weeks, and the Diphtheria ward 16 weeks.

In addition to the regular investigations made by the Medical Inspector there have been made by me 641 investigations of communicable diseases, most of which were in the nature of visits to persons suffering with pulmonary tuberculosis, who needed material aid.

The following tables give the records of communicable diseases together with deaths for the same, covering the year 1915, together with the last nine years.

CASES AND DEATHS BY MONTHS.

MONTHS	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Small Pox		Ophth. Neon.		Poliomyelitis		Pulmonary and Miliary Tuberculosis		Meningeal Tuberculosis		Other Forms Tuberculosis		Total for Month	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Jan. . . .	11	3	14	1	22	6	14	0	17	0	0	0	5	0	0	0	24	17	0	0	4	0	111	27
Feb. . . .	8	2	16	1	13	0	44	0	28	1	0	0	7	0	0	0	43	21	0	1	1	2	160	28
Mar. . . .	13	4	27	2	4	0	93	0	20	0	0	0	6	0	0	0	41	13	1	0	5	1	210	20
Apr. . . .	8	2	20	1	5	2	178	2	11	0	0	0	5	0	0	0	43	14	0	0	5	0	275	21
May . . .	12	0	15	2	9	1	249	0	10	0	5	1	5	0	0	0	45	10	2	3	10	2	362	19
June . . .	9	2	11	0	1	0	332	2	16	0	16	8	5	0	0	0	34	11	0	1	4	0	428	24
July . . .	3	1	1	0	13	0	94	0	6	0	2	0	4	0	0	0	34	11	0	0	3	3	160	15
Aug. . . .	3	0	6	0	11	1	24	0	1	0	0	1	2	0	1	0	34	4	0	1	0	1	82	8
Sept. . . .	10	1	7	0	20	2	12	0	3	0	0	0	4	0	0	0	40	8	0	1	0	0	96	12
Oct. . . .	25	2	5	0	22	3	7	0	10	0	0	0	1	0	0	0	32	13	4	3	3	0	109	21
Nov. . . .	21	4	6	0	20	2	9	0	18	0	0	0	5	0	0	0	26	8	2	3	6	1	113	18
Dec. . . .	27	5	9	0	11	4	8	0	23	2	0	0	5	0	0	0	27	9	1	2	2	0	113	22
Total . . .	150	26	137	7	151	21	1064	4	163	3	23	10	54	0	1	0	423	139	10	15	43	10	2219	235

CASES AND DEATHS FOR EACH YEAR SINCE 1906.

YEARS	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Small Pox		Ophthalmia Neonatorum		Poliomyelitis		Pulmonary and Miliary Tuberculosis		Meningeal Tuberculosis		Other forms Tuberculosis	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
1907 . . .	128	12	105	0	102	10	89	0	7	3	0	0	1	0	0	0	139	133				
1908 . . .	91	13	175	10	98	20	483	4	54	5	0	0	3	0	0	0	190	124				
1909 . . .	79	15	326	7	126	20	210	1	64	8	3	0	5	0	0	0	205	122			0	2
1910 . . .	96	24	246	5	193	17	697	3	9	3	2	0	5	0	24	8	204	102	0	17	3	6
1911 . . .	81	9	116	0	109	22	123	3	107	13	0	0	26	0	6	0	208	129	0	21	21	8
1912 . . .	125	19	141	0	117	18	481	1	20	1	2	0	35	0	4	0	246	120	3	17	46	8
1913 . . .	154	35	319	1	92	9	1290	2	67	3	29	0	58	0	19	0	284	114	8	24	50	19
1914 . . .	133	21	384	26	154	12	83	2	67	5	0	0	156	0	5	1	351	136	12	18	38	10
1915 . . .	150	26	137	7	151	21	1064	4	163	3	23	10	54	0	1	0	423	139	10	15	43	10

OPHTHALMIA NEONATORUM.

For the year ending December 31, 1915, there were reported 291 cases of bad eyes in infants, a falling off in the number for 1914. The policy of employing an oculist permanently has proven a step in the right direction. Where necessary the services of a trained nurse were employed. In this connection I desire to say that Mrs. Edward L. Murphy, who has been employed on these cases, has performed excellent service, having made during the year 834 visits.

INFANT MORTALITY.

There has been a gradual falling off in the deaths of children under one year of age since 1906, the mortality for the year ending December 31, 1915 being the smallest since the date mentioned above. During the past twelve months, with an increased population, the number of deaths was 495, which is the lowest figure since 1906, when was begun a supervision of the city's milk supply by the enactment of regulations governing the same. The following record for the last nine years will be read with interest:

Year.	Deaths.
1907	535
1908	509
1909	543
1910	689
1911	589
1912	552
1913	536
1914	534
1915	495

The nativity of the parents of children who have died under one year of age is as follows:

Portuguese	243
French	90
American	74
English	23
Austrian	14
Irish	13
Russian	9
Italian	7
Polish	6

Greek	6
Syrian	4
Hebrew	3
Indian	1
Swede	1
Belgian	1
Males	260
Females	235

From the records of births filed at this office, as required by law, infants of Portuguese parents, number 1,000. Compared with the deaths for the year, 495, it serves as an object lesson for more energetic measures in the Child Welfare campaign. Not quite one-third of the births during 1915 were of Portuguese parents, yet 25% of that number (243) died under one year of age.

It will be seen by the appended table that the critical period in the life of infants was between three and six months, and that Broncho-Pneumonia and Diarrhoea and Enteritis were the principal causes of death:

YEAR 1915	AGES												
	Total Deaths under 1 year	Under 1 day	1–2 days	2–3 days	3 days–1 week	1–2 weeks	2–3 weeks	3 weeks–1 month	1–2 months	2–3 months	3–6 months	6–9 months	9–12 months
January	33	5	2	1	.	1	2	.	4	5	5	2	6
February	38	4	2	2	.	4	1	3	4	2	4	7	5
March	45	3	2	.	1	2	2	.	8	.	7	9	11
April	43	1	3	.	2	.	.	2	4	8	6	12	5
May	34	7	1	1	2	2	2	1	3	2	4	3	6
June	31	6	.	1	2	3	1	.	4	.	6	5	3
July	54	4	2	5	1	.	2	1	3	3	15	9	9
August	58	5	2	1	2	2	.	2	3	10	15	10	6
September	67	2	2	2	2	2	.	.	11	7	21	11	7
October	38	2	.	.	1	1	2	3	11	5	6	5	2
November	23	3	1	.	.	.	1	.	5	3	5	2	3
December	31	11	2	.	1	3	.	1	1	.	6	3	3
Totals	495	53	19	13	14	20	13	13	61	45	100	78	66
White		50	19	11	14	19	13	12	58	43	98	74	60
Colored		3	.	2	.	1	.	1	3	2	2	4	6
Total Males	260												
Total Females	235												

Classification Number	Causes of Death	Jan. under 1 d	Feb. 1 d–2	Mar. 2 d–3	Apr. 3 d 1 wk.	May 1 w–2 wks.	June 2 wks. 3 wks.	July 3 wks. 1 mo.	Aug. 1 m–2	Sept. 2 m–3	Oct. 3 m–6	Nov. 6 m–9	Dec. 9 m–12	Total
1	Typhoid fever	.	.	.	.	.	.	.	.	.	.	.	.	0
6	Measles	.	.	.	.	.	.	.	.	.	.	1	1	2
8	Whooping cough	.	.	.	.	.	.	.	.	1	.	.	.	1
9	Diphtheria	.	.	.	.	.	.	.	.	.	.	.	1	1
18	Erysipelas	.	.	.	.	.	.	.	2	.	.	.	.	2
20	Pyaemia	.	.	.	.	.	.	.	.	.	.	.	.	0
28	Tuberculosis pul.	.	.	.	.	.	.	.	.	.	1	.	.	1
30	Tubercular meningitis	.	.	.	.	.	.	.	1	.	.	1	1	3
31	Tubercular peritonitis	.	.	.	.	.	.	.	.	.	1	.	.	1
49	Scurvy	.	.	.	.	.	.	.	.	.	.	.	.	0
61	Meningitis	.	.	.	.	.	.	.	.	.	2	1	1	4
61a	Meningitis cer. spinal	.	.	.	.	.	.	.	.	.	1	.	.	1
71	Convulsions infan.	.	.	.	.	.	.	.	.	.	.	1	.	1
74	Other diseases of nervous sys.	.	.	.	.	.	.	.	.	.	.	.	.	0
85	Epitaxis	.	.	.	.	.	.	.	.	.	.	.	.	0
87	Laryngismus Stridulus	.	.	.	.	.	.	.	.	.	.	.	.	0
89	Bronchitis	.	.	.	.	.	.	.	2	.	1	1	2	6
91	Broncho pneumonia	.	.	.	.	3	1	2	12	7	19	28	33	105
92	Pneumonia	.	.	.	.	.	.	1	1	2	2	3	1	10
93	Pleurisy	.	.	.	.	.	.	.	.	.	.	.	.	0
94	Pul. congestion	.	.	.	.	.	.	.	.	.	.	.	.	0
104	Diarrhœa and enteritis	.	.	.	.	2	7	5	27	25	62	31	16	175
109	Intestinal obstruction	.	.	.	.	.	.	.	.	.	.	.	.	0
120	Kidney disease	.	.	.	1	.	.	.	.	.	2	.	.	3
150	Malformation	.	1	.	.	.	.	.	.	.	.	.	.	1
151	Infan. debility icterus	2	1	.	.	.	2	1	3	2	3	1	1	19
152	Other diseases peculiar to early infancy	43	11	7	9	5	5	2	8	4	3	3	3	103
167	Burns	.	.	.	.	.	.	.	.	.	.	.	.	0
189	Cause of death not specified	.	.	.	.	.	.	.	2	.	.	.	1	3

MEDICAL SCHOOL INSPECTION.

The work in this department has been carried on since the new school year in a more systematic manner than formerly, rules governing the conduct of physicians, nurses and teachers, having been adopted by the Health and School departments jointly, the same printed in booklet form and distributed to all concerned.

The following are the number of cases of communicable diseases which have been found in the public and parochial schools since 1909:

	Scarlet Fever	Diphtheria	Mumps	Measles	Varicella	Whooping Cough	Tuberculosis	German Measles
1910..	7	0	17	7	8	2	3	0
1911..	12	1	8	5	43	45	2	2
1912..	19	0	98	88	16	8	4	25
1913..	25	2	79	66	29	30	1	0
1914..	28	0	0	4	58	12	1	0
1915*.	8	6	32	163	22	19	1	0

*In addition, pupils in three schools kept under close observation because of exposure from smallpox.

Right here it might be said that Miss Catherine F. Lowney, the department nurse for the parochial schools, has given valuable assistance in this feature of the work, her visits to the homes of pupils being most beneficial.

EXPENDITURES—CONTAGIOUS DISEASES.

The expenditure for contagious disease during the year is summed up as follows, and was the largest in the historv of the city:

Tuberculosis:

New Bedford Sanatorium..	$30,729.45
Other Sanatoria.....	1,573.27
St. Luke's Hospital.....	1,348.29
Derby Hospital.....	72.80
Paid other cities.....	1,218.84
Treated at home.....	3,532.02
Court judgment.....	1,221.54

Contagious Diseases:	
Smallpox	7,979.25
Ophthalmia Neon	3,846.99
Isolation Hospital	4,606.77
Paid other cities	1,236.87
St. Luke's Hospital	1,497.44
Derby Hospital	203.39
Treated at home	319.24
	$59,385.16

REIMBURSEMENTS—CONTAGIOUS DISEASES.

The amounts which should be credited to the department, due the City of New Bedford, are as follows:

Subsidy	$9,074.26
Commonwealth of Mass	4,957.36
Cities and Towns	1,471.99
Other sources	419.24
	$15,922.85

The following table gives the expenditures on account of contagious diseases for the last six years:

1910	$13,000.00
1911	17,580.80
1912	33,306.31
1913	41,874.58
1914	46,606.79
1915	59,385.16

The following is a monthly record of the work performed during the year:

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Contagious diseases investigated	47	43	51	53	49	54	69	58	45	50	69	53
Houses placarded	22	20	33	25	8	20	5	7	15	24	25	34
Rooms disinfected	210	102	147	199	108	198	154	52	70	123	158	159
Schoolrooms disinfected	1	1	3	0	6	1	0	0	0	2	0	0
Nuisances abated	28	11	25	24	19	27	17	19	25	12	15	9
Privy vault nuisances	1	3	3	18	7	9	12	3	10	2	1	4
Garbage complaints	38	41	61	61	32	43	101	85	79	51	48	52
Bakeries inspected	6	10	18	14	0	34	30	9	20	20	10	15
Stables located	1	1	3	3	2	2	1	1	3	1	0	0
Stable inspections	34	30	335	242	435	204	185	219	223	197	341	293
Notices issued	2	2	6	7	4	4	30	20	11	7	9	129
Yard inspections	28	245	1168	391	243	18	246	64	72	37	73	367
Hen yard inspections	1	3	1	5	8	2	4	4	2	4	3	1
Tenement houses inspected	1	4	3	9	6	0	1	0	3	2	3	2
Piggeries inspected	1	0	11	3	15	17	7	6	2	5	1	2
Inspection milk peddlers' plants	4	2	0	10	12	45	30	16	16	20	15	5
Dairy farms inspected	57	0	8	2	4	6	24	54	46	12	16	4
Inspection of bad milk	3	1	0	12	6	2	3	12	6	0	0	0
Nurses' visits	326	346	441	417	338	367	301	338	307	314	303	339
Nurses' visits to homes	45	69	56	64	52	72	0	0	20	68	72	75
Milk samples taken	63	31	85	215	206	49	54	187	132	0	31	1
Notices to mothers mailed	276	271	321	277	255	325	262	313	258	256	245	251
Market inspections	20	25	163	77	50	30	35	51	63	62	52	64
Public dumps	.	.	.	12	0	6	7	4	2	6	2	2
Houses quarantined for small pox	.	.	.	.	5	7	1	0	0	0	0	0
Fire menaces reported	.	.	.	.	5	0	0	3	1	0	2	0
Ice cream plants inspected	.	.	.	.	10	18	6	2	8	0	0	0
Oculist's visits	.	.	223	197	221	209	132	192	160	165	235	235
Nurse's (O. N.) visits	.	.	144	106	85	84	42	60	60	54	95	104
Investigations of milk plants for typhoid fever	.	.	.	.	.	.	.	5	4	3	2	0

Respectfully submitted,

WM. G. KIRSCHBAUM,

Agent and Executive Officer.

MEDICAL INSPECTOR'S REPORT.

NEW BEDFORD, JANUARY 1, 1916.

To the Board of Health:

GENTLEMEN:—I herewith submit the following report as Medical Inspector and as attending physician for contagious cases for the board for the year ending January 1st. 1916.

Released 120 cases Scarlet Fever.

Took 139 cultures for Diphtheria.

Diagnosed 179 cases of Tuberculosis.

Investigated the following cases:

Typhoid	104
Measles	45
Whooping Cough	15
Smallpox	30
T. B. Meningitis	1
Varicella	2
Urticaria	2
C. S. Meningitis	2
Anterior Poliomyelites	3
Pityriasis rosea	2
Myocarditis	1

Vaccinated 165 persons exposed to Small-pox and nine exposed to Typhoid Infection.

Treated 47 cases of Tuberculosis; 7 of Scarlet Fever; 9 of Diphtheria; 10 of Measles; 9 of Whooping Cough. Also signed 30 death certificates.

Respectfully submitted,

A. N. SENESAC,
Medical Inspector.

REPORT OF OCULIST.

NEW BEDFORD, JANUARY 1, 1916.

To the Board of Health:

GENTLEMEN:—In submitting my annual report of the work performed by me as oculist to the Board, I desire to say that I began my duties March 1, 1915, and for the ten months ending December 31, 1915, I made nineteen hundred and sixty-nine (1969) visits to infants suffering with sore eyes, as required by law, and it is my pleasure to add that in no instance was the vision of a child impaired.

Respectfully submitted,

ALPHONSE NORMANDIN.
Oculist.

REPORT OF INSPECTOR OF MILK AND PROVISIONS.

NEW BEDFORD, JANUARY 1, 1916.

To the Board of Health:

GENTLEMEN:—I herewith submit my report as Inspector of Milk and Provisions for the year 1915. During the year I have issued 155 team licenses and 276 store licenses for the sale of milk and 6 team licenses and 31 store licenses for the sale of oleomargarine, making a total of 468 for which the regular fee of 50c. each has been collected and paid to the City Treasurer. In company with Agent Kirschbaum I have made 408 inspections of dairy farms and also traced source and cause of 45 samples of bad milk. The stores where milk is sold have all been inspected and instructions given, when necessary, as to the proper care and handling of same.

The ice cream plants have all been under inspection during the season with reference to their sanitary condition and their various formulas for making cream. A few who were using artificial flavoring, including the hokey pokey people, gave up the business rather than meet the requirements which were in the interests of health. Samples were taken from each manufacturer and analyzed to ascertain the per cent. of butterfat. With very few exceptions they were above the standard and the few whose product was below very willingly added the necessary cream to comply with the law. There have been 702 market inspections made, the larger part of which have been made among the markets where inspection is most needed and a great deal of progress has been made along the line of neatness and cleanliness. There have also been many improvements in the bake shops, one baker having abandoned an unsanitary shop and built an up-to-date plant. Several others have put in new floors, plastered walls and ceiling and made various other improvements, such as changing toilets so that they would not open into workrooms, in fact, in most every case when improvements have been asked for in the interests of cleanliness and better sanitary conditions the owners have been willing to carry out the suggestions.

Respectfully submitted,

H. B. HAMILTON,
Inspector.

NURSE'S REPORT.

NEW BEDFORD, JANUARY 1, 1916.

To the Board of Health:

GENTLEMEN:—I herewith submit my report for the year ending December 31, 1915. During the year I have made 4,137 calls, 2,331 of which were upon the newly born reported to this department by physicians and midwives; the balance of visits being made upon persons suffering with tuberculosis. In several instances among the last named, the persons afflicted suffered with infected bones, which required frequent dressing and close attention.

Respectfully submitted,

SARA W. CHACE, R. N.

REPORT OF NURSE FOR THE PAROCHIAL SCHOOLS.

NEW BEDFORD, JANUARY 1, 1916.

To the Board of Health:

GENTLEMEN:—I herewith submit my report for the year ending December 31, 1915. In addition to the regular inspections in the Parochial schools, I have, during the year, made 592 visits to the homes of pupils, besides investigating other cases in connection with this work.

Respectfully submitted,

CATHERINE W. LOWNEY.

REPORT OF BACTERIOLOGIST.

NEW BEDFORD, JANUARY 1, 1916.

To the Board of Health:

GENTLEMEN:—I herewith submit my report of the year ending December 31, 1915:

Diphtheria—	
Whole number of cultures taken	348
Whole number of cultures positive	77
Whole number of cultures negative	271
Whole number of first cultures positive	100
Whole number of first cultures negative	153
Tuberculosis Pul.—	
Whole number of specimens examined	256
Whole number of specimens positive	70
Whole number of specimens negative	172
Whole number of specimens unsatisfactory	14
Tuberculosis Pul. cases examined from the New Bedford Sanatorium:	
Whole number of specimens examined	278
Whole number of specimens positive	105
Whole number of specimens negative	173
Typhoid Fever—	
Whole number Widal Test	10
Whole number positive	4
Whole number negative	6

Respectfully submitted,

A. H. MANDELL, M. D.,
Bacteriologist.

REPORT OF INSPECTOR OF SLAUGHTERING.

NEW BEDFORD, JANUARY 1, 1916.

To the Board of Health:

GENTLEMEN:—I herewith submit my report as Inspector of Slaughtering for the year ending December 31, 1915:

Number of Beef Cattle slaughtered	163
Number of Swine slaughtered	471
Number of Calves slaughtered	340
Number of Sheep slaughtered	35

There were 14 beef cattle and 7 calves condemned as unfit for food. The pigs and sheep all passed inspection.

Respectfully submitted,

H. B. HAMILTON,
Inspector of Slaughtering.

PLUMBING INSPECTORS' REPORTS.

NEW BEDFORD, JANUARY 1, 1916.

To the Board of Health:

GENTLEMEN:—Following is the work performed by me for the year ending December 31, 1915:

Inspections, including investigations of nuisances and defective plumbing	2224
Inspections in Marion	2

Respectfully submitted,

LOUIS H. RICHARDSON,
Inspector of Plumbing.

NEW BEDFORD, JANUARY 1, 1916.

To the Board of Health:

GENTLEMEN:—I herewith submit my report of the year ending December 31, 1915:

Inspections of plumbing	2206
Inspections of plumbing in Marion	13

Respectfully submitted,

WILLIAM DEACON,
Inspector of Plumbing.

NEW BEDFORD EXTRACTOR COMPANY'S REPORT.

NEW BEDFORD, JANUARY 1, 1916.

To the Board of Health:

GENTLEMEN:—We herewith submit our report for the year ending December 31, 1915:

Garbage collected (tons)	8,690
Horses	281
Dogs	351
Pigs	16
Cows	9
Deer	7
Calf	1

Respectfully submitted,

NEW BEDFORD EXTRACTOR CO.,
BY C. M. SCHINDLER, *Supt.*

MORTUARY REPORT FOR THE YEAR 1915.

	Cause of Death	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
I.	General Diseases.													
1	Typhoid fever	6	.	.	2	1	.	.	1	2	3	2	4	21
5	Variola	.	.	.	.	1	8	.	1	.	.	.	.	10
6	Measles	.	.	.	2	.	2	.	.	.	.	.	.	4
7	Scarlet fever	1	1	2	1	2	.	.	.	.	.	.	.	7
8	Whooping cough	.	.	.	.	.	.	.	.	.	1	.	.	1
9	Diphtheria and croup	3	3	4	2	.	2	1	.	1	2	3	5	26
9a	Diphtheria including Croup	.	.	.	.	.	.	.	.	.	.	1	.	1
10	Influenza	.	.	1	.	.	.	.	.	.	.	1	.	2
18	Erysipelas	1	.	2	.	.	1	.	1	.	.	.	.	5
20	Purulent infection and septicaemia	1	3	2	.	2	.	1	1	2	.	3	.	15
28	Tuberculosis of the lungs	17	21	13	14	10	11	11	4	5	13	8	9	136
29	Acute miliary tuberculosis	.	.	.	.	.	.	.	.	3	.	.	.	3
30	Tuberculosis meningitis	.	1	1	.	3	1	.	1	1	3	3	1	15
31	Abdominal tuberculosis	.	2	1	.	2	.	2	1	.	.	1	.	9
34	Tuberculosis of other organs	.	.	.	.	.	.	1	.	.	.	.	.	1
36	Rickets	.	1	.	.	.	.	.	.	.	.	.	.	1
37	Syphilis	.	.	.	.	.	.	.	2	.	1	.	.	3
40	Cancer and other malignant tumors of the stomach and liver	3	3	4	4	4	6	4	4	6	2	4	2	46
41	Cancer and other malignant tumors of the peritoneum, intestines and rectum	1	2	1	1	3	1	3	3	.	1	.	3	19
42	Cancer and other malignant tumors of the female genitals	4	1	2	3	3	1	2	.	1	.	.	1	18
43	Cancer and other malignant tumors of the breast	.	.	2	1	.	.	.	1	1	.	1	1	7
45	Cancer and other malignant tumors of other organs and organs not specified	3	.	2	1	.	1	.	2	.	.	.	1	10
46	Other tumors (tumors of the female genitals excepted)	.	.	.	.	.	.	1	.	.	.	.	.	1
50	Diabetes	2	1	2	.	2	.	1	1	.	2	1	2	14
51	Exopthalmic, Goiture	.	.	1	.	.	.	.	.	.	.	.	.	1
54	Anaemia, chlorosis	1	.	.	2	1	1	.	2	.	.	.	.	7
55	Other General Diseases	1	.	.	.	.	.	.	.	1	.	.	.	2
56	Alcoholism, acute or chronic	.	.	1	.	1	1	.	.	.	.	.	1	4
II.	Diseases of the Nervous System and of the Organs of Special Sense.													
60	Encephalitis	.	.	1	.	.	.	.	.	.	.	.	.	1
61	Simple meningitis	.	2	.	3	1	1	3	.	1		1	1	13
62	Locomotor Ataxia	1	.	.	1	.	.		.	1	.	.	.	3
63	Other diseases of the spinal cord	.	.	.	.	.	.	.	.	.	.	1	.	1
64	Cerebral Hemorrhage, Apoplexy	7	9	12	11	7	7	5	6	9	14	8	12	107
65	Softening of the Brain		1	.	.	.	.	.	.	.	.	.	.	1
66	Paralysis without specified cause	3	.	1	1	.	.	.	1	.	.	.	1	7

MORTUARY REPORT, 1915. (Continued).

	CAUSE OF DEATH	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
II.	(Continued).													
67	General Paralysis of the Insane	.	.	.	.	.	.	.	1	.	.	1	.	2
68	Other forms of Mental Alienation	.	.	.	.	.	.	.	.	.	.	.	1	1
69	Epilepsy	.	.	.	.	.	.	.	.	2	.	1	.	3
71	Convulsions of infants	.	1	1	1	.	.	.	.	.	1	1	.	5
74	Other diseases of the nervous system	1	1	.	.	.	.	1	.	.	1	3	3	10
III.	DISEASES OF THE CIRCULATORY SYSTEM.													
78	Acute endocarditis	1	2	.	.	.	1	1	1	1	3	2	2	14
79	Organic diseases of the heart	17	15	8	8	14	10	8	17	4	16	17	13	147
80	Angina pectoris	1	.	1	.	.	.	.	.	.	.	.	.	2
81	Affections of the arteries (atheroma aneurism, etc.)	6	1	4	7	6	9	10	4	3	4	3	7	64
82	Embolism and thrombosis	.	3	.	1	.	.	1	2	1	2	.	1	11
83	Diseases of the Veins (Varices, Hemorrhoids, Phlebitis, etc.)	.	.	.	.	.	1	.	.	.	.	.	.	1
84	Diseases of the Lymphatic System (Lymphangitis, etc.)	.	.	.	.	.	.	.	.	1	.	.	.	1
85	Hemorrhage; other diseases of the circulatory system	.	1	1	.	.	1	.	1	.	1	1	.	6
IV.	DISEASES OF THE RESPIRATORY SYSTEM.													
87	Diseases of the larynx	.	1	.	1	1	1	1	1	.	.	.	.	6
89	Acute bronchitis	2	1	6	1	.	.	2	.	1	1	1	3	18
90	Chronic bronchitis	2	1	.	2	1	.	.	.	.	.	.	.	6
91	Broncho-pneumonia	22	18	28	37	20	27	16	6	6	10	15	12	217
92	Pneumonia	7	11	16	9	7	8	2	.	3	2	6	7	78
93	Pleurisy	1	.	.	.	.	.	.	.	3	.	.	.	4
94	Pulmonary congestion, pulmonary apoplexy	1	.	.	1	.	.	.	.	1	.	.	1	4
95	Gangrene of the lung	1	.	.	1	.	.	.	.	.	.	.	.	2
97	Pulmonary Emphysema	.	.	.	.	.	.	1	.	.	.	.	.	1
98	Other diseases of the respiratory system (phthisis excepted)	.	1	.	.	.	.	.	.	.	.	.	.	1
V.	DISEASES OF THE DIGESTIVE SYSTEM.													
100	Diseases of the pharynx	.	.	.	.	.	.	.	1	.	.	1	.	2
102	Ulcer of the stomach	.	.	.	.	.	.	.	.	.	.	1	.	1
103	Other diseases of the stomach (cancer excepted)	.	1	1	1	1	.	.	.	.	.	.	3	7

MORTUARY REPORT, 1915. (Continued).

	Cause of Death	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
V.	(Continued).													
104	Diarrhoea and enteritis (under two years)	4	3	3	3	6	7	35	39	61	30	8	1	200
105	Diarrhoea and enteritis (two years and over)	1	1	.	.	.	.	2	.	.	.	1	.	5
108	Appendicitis and typhlitis	1	.	1	.	.	1	1	.	.	.	.	.	4
109	Hernias, intestinal obstructions	.	1	2	2	2	2	.	2	2	1	.	.	14
110	Diseases of the intestines	.	.	.	.	1	.	.	.	.	.	.	.	1
113	Cirrhosis of the liver	.	.	.	.	2	.	1	.	.	.	3	2	8
113a	Including: Due to Alcoholism	.	.	1	.	.	.	.	.	.	.	.	.	1
114	Biliary calculi	.	.	1	.	.	.	.	.	.	.	.	.	1
115	Other diseases of the liver	1	1	.	1	1	1	1	.	.	.	.	1	7
117	Simple peritonitis (non-puerperal)	.	.	.	1	1	2	2	.	.	.	3	.	9
VI.	**Non-Venereal Diseases of the Genito-Urinary System and Annexa.**													
119	Acute nephritis	.	1	2	1	.	2	3	2	1	1	2	4	19
120	Bright's disease	4	6	4	3	1	4	2	.	1	4	3	3	35
122	Other diseases of the kidneys and annexa	1	2	2	5	5	6	.	.	3	1	1	.	26
124	Diseases of the bladder	.	.	.	.	1	1	.	.	.	.	.	.	2
126	Diseases of the prostate	.	.	.	.	.	.	.	.	.	.	.	1	1
130	Other diseases of the uterus	.	.	.	.	.	.	.	.	1	.	.	.	1
131	Cysts and other tumors of the ovary	.	.	.	.	.	.	.	2	.	.	.	.	2
VII.	**The Puerperal State.**													
134	Accidents of pregnancy	.	.	1	.	.	.	.	.	.	.	.	.	1
135	Puerperal hemorrhage	.	1	1	.	.	.	.	.	.	.	.	.	2
137	Puerperal Septicaemia	1	.	.	.	1	.	1	.	.	.	.	.	3
138	Puerperal albuminuria and convulsions	.	.	.	.	.	.	.	.	.	.	1	1	2
VIII.	**Diseases of the Skin and of the Cellular Tissue.**													
142	Gangrene	1	.	.	.	.	.	.	.	.	.	.	1	2
143	Furuncle	.	.	.	.	.	.	.	.	.	.	.	1	1
145	Other diseases of the skin and annexa	.	.	.	.	.	.	.	.	1	.	.	.	1
IX.	**Diseases of the Bones and of the Organs of Locomotion.**													
146	Diseases of the bones (tuberculosis excepted)	.	1	.	.	.	.	.	.	1	.	.	.	2

MORTUARY REPORT, 1915. (Continued).

	Cause of Death	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
X.	**Malformations.**													
150	Congenital malformations (still-births not included)	.	2	.	.	.	.	.	1	.	1	.	.	4
XI.	**Diseases of Early Infancy.**													
151	Congenital icterus, debility and sclerema	7	9	7	6	9	7	8	10	9	1	5	11	89
152	Other diseases peculiar to early infancy	2	4	1	1	6	3	5	2	1	3	1	5	34
153	Lack of care	1	1	1	.	.	.	.	.	.	.	.	.	3
XII.	**Old Age.**													
154	Senility	1	2	.	1	.	.	.	1	.	.	1	1	7
XIII.	**Affections Produced by External Causes.**													
156	Suicide by asphyxia	.	2	1	.	.	.	.	.	.	1	.	3	7
157	Suicide by hanging or strangulation	.	.	.	1	.	.	.	.	.	.	.	.	1
158	Suicide by drowning	.	.	.	.	.	1	.	.	.	.	1	.	2
159	Suicide by firearms	.	.	1	.	.	.	.	1	.	.	1	.	3
163	Other suicides	.	.	.	.	.	.	.	.	1	.	.	.	1
167	Burns (conflagration excepted)	1	.	.	.	.	1	.	.	1	.	2	.	5
168	Absorption of deleterious gases (conflagration excepted)	.	1	.	.	.	.	.	1	1	2	1	2	8
169	Accidental drowning	.	1	.	.	.	.	.	1	.	1	.	.	3
170	Traumatism by firearms	.	.	1	.	.	.	.	.	.	.	.	.	1
172	Traumatism by fall	.	.	.	.	.	.	.	.	1	.	1	.	2
175	Traumatism by other crushing (vehicles, railroads, landslides, etc.)	.	.	.	1	.	.	.	4	1	.	2	.	8
179	Effects of heat	.	.	.	.	.	.	1	.	.	.	.	.	1
181	Electricity (lightning excepted)	.	.	.	.	.	.	.	.	.	.	1	.	1
182	Homicide by firearms	.	.	.	.	1	.	.	.	.	.	.	.	1
185	Fractures (cause not specified)	.	.	.	.	.	.	1	.	.	.	.	1	2
186	Other external violence	1	1	1	1	3	1	3	.	1	3	.	.	15
XIV.	**Ill-Defined Diseases.**													
187	Ill-defined organic diseases	3	.	.	.	.	.	.	.	.	.	.	.	3
188	Sudden death	.	1	3	2	1	1	.	.	.	3	.	.	11
189	Cause of death not specified or ill-defined	1	2	2	2	2	1	.	.	1	4	1	.	16
		148	152	155	153	133	145	149	133	148	137	133	138	1719

Population, 109,562. Death rate per 1000, 15.67.

Respectfully submitted, SUSAN J. SMALL, Clerk.

DEATHS BY AGES, 1915.

	Jan.		Feb.		Mar.		Apr.		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 day	2	3	2	2	1	2	.	1	2	5	4	2	3	1	5	.	2	.	1	1	3	.	7	4	32	21
1–2 days	1	1	2	.	2	.	2	1	1	.	.	.	1	1	2	.	2	.	.	.	1	.	.	2	14	5
2–3 days	1	.	.	2	.	.	.	.	2	1	.	1	3	2	1	.	.	2	.	.	.	.	.	.	7	8
3 days–1 wk.	.	.	.	.	.	1	1	1	2	.	.	2	1	1	.	2	2	.	.	1	.	.	1	.	7	8
1–2 wks.	1	.	1	3	1	1	.	.	.	2	1	2	.	.	1	1	1	1	1	.	.	.	2	1	9	11
2–3 wks.	2	.	1	.	2	.	.	.	1	.	1	.	.	2	.	.	.	.	2	.	.	1	.	.	9	3
3 wks.–1 mo.	.	.	2	1	.	.	.	2	2	1	.	.	1	.	1	1	.	.	2	1	.	.	1	.	9	6
1–2 mos.	1	3	3	1	3	5	2	2	.	2	1	3	2	1	2	1	2	9	7	4	1	4	1	.	25	35
2–3 mos.	1	4	1	1	.	.	2	6	2	2	.	.	2	1	5	5	3	4	3	2	1	2	.	.	20	27
3–6 mos.	4	1	1	3	3	4	3	3	1	2	4	2	6	9	6	9	10	11	4	2	3	2	2	4	47	53
6–9 mos.	.	2	6	1	3	6	9	3	5	1	3	2	7	2	3	7	8	3	3	2	2	.	3	.	52	29
9–12 mos.	4	2	1	4	4	7	3	2	6	3	1	2	7	2	4	2	4	3	1	1	2	1	1	2	38	31
1 yr.	7	3	7	7	10	7	4	6	2	1	6	7	7	9	2	4	3	6	10	2	7	4	1	4	66	60
2 yrs.	3	1	1	4	1	3	2	.	.	3	2	6	.	3	.	.	1	2	2	2	1	1	2	1	15	26
3 yrs.	.	2	2	.	.	1	3	.	3	1	1	.	1	1	.	.	2	.	1	.	1	.	3	1	17	6
4 yrs.	1	1	.	.	.	1	.	1	1	2	2	2	.	.	.	.	.	1	.	.	2	1	.	.	6	9
5–9 yrs.	2	1	3	.	.	1	2	1	.	2	3	2	.	.	.	.	1	2	4	2	4	1	1	2	20	14
10–14 yrs.	.	1	.	2	.	1	1	.	.	1	1	1	.	.	1	.	.	1	1	1	1	1	2	1	7	10
15–19 yrs.	3	2	3	.	2	2	4	1	5	2	.	1	3	1	6	.	2	.	1	4	.	1	1	4	30	18
20–24 yrs.	1	.	4	1	3	2	2	2	.	1	3	2	1	1	2	1	.	.	3	2	1	5	1	1	21	18
25–29 yrs.	1	3	6	3	2	2	.	.	1	3	2	3	3	2	1	.	4	2	.	3	1	5	2	.	33	26
30–34 yrs.	2	2	1	4	4	2	4	3	2	2	4	4	3	4	4	4	2	4	3	1	2	3	.	2	31	35
35–39 yrs.	4	4	7	2	3	1	4	3	2	3	3	2	1	1	.	2	8	2	2	1	2	3	1	2	37	26
40–44 yrs.	3	8	5	1	4	6	4	2	2	3	2	4	1	1	2	.	2	.	6	2	5	3	1	2	37	32
45–49 yrs.	5	1	5	3	3	1	5	1	7	1	1	.	4	2	3	5	1	3	4	.	3	3	7	6	48	26
50–54 yrs.	3	3	2	5	4	2	3	3	3	5	2	4	2	2	6	2	1	3	1	1	2	2	2	4	31	36
55–59 yrs.	2	6	4	2	3	2	5	6	4	3	3	3	4	2	5	2	2	1	6	5	8	3	3	4	49	39
60–64 yrs.	4	8	2	6	6	4	.	1	3	3	2	1	5	2	1	3	4	2	3	3	7	5	6	5	43	43
65–69 yrs.	2	1	1	3	4	2	2	10	.	6	1	10	4	3	4	5	3	2	2	5	4	3	5	1	32	51
70–74 yrs.	5	4	1	5	3	2	5	6	2	3	2	2	1	5	3	.	3	5	2	2	.	3	6	4	33	41
75–79 yrs.	6	7	5	4	2	4	2	6	3	1	4	4	3	4	1	3	2	.	4	5	2	1	3	5	37	44
80–84 yrs.	1	.	1	1	2	2	2	1	2	1	3	.	.	2	.	.	1	1	.	2	2	4	2	2	15	16
85–89 yrs.	.	1	.	1	.	2	1	1	1	.	2	5	1	.	.	2	.	.	.	.	.	2	1	3	6	17
90–94 yrs.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	1	1	.	.	.	1	.	.	2	2	4
95–99 yrs.	.	1	.	.	.	.	.	1	.	.	1	.	.	.	.	.	.	1	.	1	.	.	1	.	2	4
100 + yrs.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0	0
Unknown	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0	0
Stillborn	3	5	9	4	10	5	8	5	3	3	6	4	5	6	7	6	4	8	7	6	4	5	4	2	—	—
Whole No.	72	76	80	72	76	79	77	76	67	66	65	80	77	67	71	62	77	71	79	58	69	64	69	69	879	840

Total deaths, 1719

Respectfully submitted,

S. J. SMALL, Clerk.

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City of New Bedford.

In Board of Aldermen,
Jan. 27, 1916.

Received, ordered printed in City Documents, and sent down for concurrence.

W. H. B. REMINGTON, *City Clerk.*

In Common Council,
Jan. 27, 1916.

Concurred.

LILY F. DARCY, *Clerk Pro Tem.*

ANNUAL REPORT

OF THE

Inspector of Animals

From April 1st to December 31st

1915

Report of Inspector of Animals.

January 1st, 1916.

To the Mayor and Board of Aldermen:

My report as inspector of animals for the City of New Bedford from April 1st, 1915 to December 31st, 1915 is herewith submitted. There have been during that time eight cases of glanders in horses and three cases of tuberculosis in cows disposed of, the carcasses of same rendered and the premises where these animals were found were thoroughly cleansed and disinfected as were also the shops where the horses were shod. All horses brought into the city from New York and Rhode Island have been examined and a report made to the Commissioner of Animal Industry by whom all the duties of this office are assigned and to whom reports are made on each assignment immediately on its completion. The principal duties of this office viz. the examination of all neat cattle, sheep and swine and reporting as to their health and stable conditions has not yet been ordered but will probably come in January and February the account of which will be embodied in a later report.

Respectfully submitted,

H. B. HAMILTON,
Inspector of Animals.

Annual Report

OF THE

Inspector of Wires

OF THE

City of New Bedford, Mass.

For the Year 1915

NEW BEDFORD
THE A. E. COFFIN PRESS, PRINTERS
1916

ANNUAL REPORT.

New Bedford, February 9, 1916.

To His Honor, the Mayor, and the City Council of the City of New Bedford.

Sirs:

I respectfully submit my annual report of this department from December 7, 1914, to December 5, 1915.

INSPECTION OF INSIDE WIRING.

During the year have inspected 1,800 installations, making 6,480 inspections.

Have issued to the N. B. Gas & Edison Lt. Co. 1,992 permits to connect electric service.

Sent out to contractors and property owners 2,056 reports on defective wiring.

REMOVAL OF OVERHEAD WIRES AND CONSTRUCTION.

On January 22, 1915, after several meetings of the Inspector of Wires, City Engineer and Superintendent of Streets, the following letter was sent to the Mayor and Board of Aldermen:

To His Honor the Mayor and Board of Aldermen.

Gentlemen:

In compliance with Section 3 of Chapter 335, Acts of 1914, as follows:

The Inspector of Wires, City Engineer and Superintendent of Streets shall, annually, in the month of January, present to the Mayor and Board of Aldermen a list of public ways and places specified in section two, or parts thereof, from which, in their judgment, the overhead wires and construction shall be removed in accordance with the provisions of this Act.

We herewith present to you the following list:

School St. Purchase to Sixth, 460 ft.; Spring St., Purchase to Sixth, 465 ft.; Pleasant St., School to Spring, 223 ft.; Sixth St., School to Spring, 225 ft.; Sixth St., Mechanics Lane to Elm, 140 ft.; and Elm to Middle, 180 ft.; Pleasant St., Elm to High, 390 ft.; Elm St., Purchase to County, 1180 ft.; Middle St., Purchase to County, 1170 ft.; William St., County to Sixth, 740 ft. Total, 5173 feet.

On February 10, 1915, after a hearing, the following order was sent to the several wire-using companies as follows:

City of New Bedford.
In Board of Aldermen,
February 10, 1915.

Whereas, Under the provisions of Chapter 335 of the Acts of 1914, due notice has been given, and a hearing has been held by this Board; it is hereby

Ordered, That all telegraph, telephone, electric light, electric motor or power, and all other wires, cables and conductors, in and above the hereinafter designated street, and all poles and structures in said streets used for the support of the same, excepting such structures, poles, cables, wires and conductors as are excepted by said Chapter 335, Acts of 1914, shall be removed, within the time named in said chapter, or that said wires, cables or conductors shall be placed, maintained and operated in underground conduits.

Locations for said underground conduits shall be petitioned for in accordance with the provisions of Chapter 509, Acts of 1911, and all acts in addition thereto or in amendment thereof.

The streets or parts of streets designated and affected by this order are as follows, to wit:—

School Street, Purchase to Sixth.....	460	feet;
Spring Street, Purchase to Sixth.....	465	feet;
Pleasant Street, School to Spring...	223	feet;
Sixth Street, School to Spring.....	225	feet;
Sixth Street, Mechanics Lane to Elm..	140	feet;
Sixth Street, Elm to Middle.....	180	feet;
Pleasant Street, Elm to High.....	390	feet;
Elm Street, Purchase to County.....	1180	feet;
Middle Street, Purchase to County...	1170	feet;
William Street, County to Sixth.....	740	feet;
Total	5173	feet.

And the City Clerk is hereby directed to serve notice of the adoption of this order upon the owners of all wires, cables or conductors, in and above said streets, and all poles and structures in said streets used for the support of the same, by mailing to each of said owners, by U. S. registered letter mail, an attested copy of this order.

And the City Clerk is hereby further directed to cause this order to be recorded in the Book of Location Order Records, as povided in Chapte 509, Acts of 1911, and to furnish a copy of this order to the Inspector of Wires, the City Engineer and the Superintendent of Streets of the City of New Bedford.

In BOARD OF ALDERMEN, Feb. 10, 1915.

Adopted and ordered recorded in Book of Location Order Records.

A true copy. Attest: W. H. B. REMINGTON,
City Clerk.

I hereby certify that the foregoing order was adopted at a meeting of the Mayor and Aldermen of the City of New Bedford, Mass., held on the tenth day of February, 1915.

Attest: W. H. B. REMINGTON,
City Clerk.

Received and entered in the records of Location Orders of the City of New Bedford, Mass., Book 5, Page 200.

Attest: W. H. B. REMINGTON,
City Clerk.

I hereby certify that on Wednesday, the tenth day of February, 1915, at eight o'clock P. M., at Room 309, Municipal Building, a public hearing was held on the order herewith recorded, and that public notice thereof was given, according to law, and that thereupon said order was adopted.

Attest: W. H. B. REMINGTON,
City Clerk.

A true copy of order and certificate recorded in Book of Location Order Records, City of New Bedford, Mass., Libro 5, Folio 200.

Attest: W. H. B. REMINGTON,
City Clerk.

OUTSIDE WORK.

Petitions of the Automatic Telephone Co. asked for 240 feet of conduit and 3 manholes.

Petitions of the N. B. Gas & Edison Light Co. asked for 9,100 feet of conduit and 14 manholes.

Petitions of the Southern Mass. Telephone Co. asked for 5,286 feet of conduit and 7 manholes.

Summary of poles as follows:

New locations	264 poles
Joint locations	424 poles
Attachment of wires of one company to poles owned by another	349 poles
	1037 poles

Of the 424 joint locations, there were already installed 395, therefore making 29 new additional poles.

There were 293 new poles set in streets during the year.

During the year I have investigated and reported to the Mayor and Board of Aldermen on 322 petitions of wire using companies, involving 1,037 poles, 14,626 feet of conduit and 24 manholes.

POLICE SIGNAL SYSTEM.

The system when put under this department on December 7, 1915, was in poor condition, not at all dependable, due to the bad condition of central apparatus, police boxes, line and underground cable. The boxes have been overhauled and put in order. Much work has been done on the overhead lines and the underground cables; the most serious trouble with cable was the joints, these having been made up with tape. These have been replaced by proper lead sleeve joints. I have on hand ten thousand feet of lead cable and ten miles of overhead iron wire, so that this year much more can be done on the line and cable work.

Very truly yours,

WILLIAM P. BRIGGS,
Inspector of Wires.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,
February 10, 1916.

Received, ordered printed in the City Documents and sent down for concurrence.

W. H. B. REMINGTON,
City Clerk.

IN COMMON COUNCIL,
February 10, 1916.

Concurred.

LILY F. DARCY,
Clerk pro tem.

The Sixty-Fourth Annual Report

OF THE

TRUSTEES

OF THE

FREE PUBLIC LIBRARY

OF THE

CITY OF NEW BEDFORD, MASS.

TO THE CITY COUNCIL

FOR THE YEAR 1915.

NEW BEDFORD, MASS.
THE J. E. BUDLONG PRESS, PRINTERS.
1916.

Officers of the Free Public Library
FOR THE YEAR 1916.

Trustees.

Ex-Officio. Term expires, January, 1917.

EDWARD R. HATHAWAY, ... Mayor of the City.
JOHN H. HOLLIHAN, . . . President of the Common Council.
ELZEAR H. CHOQUETTE, . Chairman of the Committee of the City Council on Education.

Elected by the City Council.

FRANCIS M. KENNEDY,	Term expires April, 1916.
OTIS SEABURY COOK,	Term expires April, 1916.
JIREH SWIFT, Jr.,	Term expires April, 1917.
ABBOT P. SMITH,	Term expires April, 1917.
FRANK A. MILLIKEN,	Term expires April, 1918.
SAMUEL F. WINSPER,	Term expires April, 1918.

President of the Board.
THE MAYOR.

Clerk.
GEORGE H. TRIPP.

Committees.

On Library . . MESSRS. KENNEDY, COOK, And MILLIKEN.
On Finance . . MESSRS. SWIFT, KENNEDY, And WINSPER.
On the Building . . MESSRS. COOK SMITH And MILLIKEN.
On Branch Reading Rooms . MESSRS. WINSPER And SWIFT.

Librarian.
GEORGE H. TRIPP.

Chief Assistant and Supt. of Binding and Branches.
CLEMENT L. YAEGER.

Cataloguer.
ANNA M. DeWOLF.

Librarian's Secretary and Stenographer.
MINERVA F. MAXFIELD.

Heads of Departments.

MARY A. CHASE, ... Reference Librarian
JANE E. GARDNER, ... Art Librarian.
JANE E. THUMAN, ... Children's Librarian.

Desk Attendants and Assistants.

JOSEPHINE A. MERRICK, . Accession and Genealogical Room.
EDITH H. COBB, ... Ingraham Hall.
ANNA W. CLEVELAND, ... Accession and Ingraham Hall.
GRACE D. SHERMAN, ... Delivery Desk.
EDITH H. BRODHEAD, ... Delivery Desk.
MARION BRIGGS, ... Accession and Delivery Desk.
L. GERTRUDE WILCOX , Genealogical Room and Delivery Desk.
ELLEN F. DOLLARD, . Assistant Art Room and Children's Room.
ETHEL WILCOX, ... Assistant Children's Room.
ARTHUR J. ROGERS, ... Repairs and Periodicals.

Branches.

North . . . . ELSIE COLLINS, AMANDA DION.
South . . . . . JOHN WILKINSON.
West . . . . . MARY ELIZABETH BROWN.

Pages.

HARPER WEST. JOHN HULTON.
CHARLES SMITH. OVILA BLANCHETTE.

Elevator.
JOHN R. GORDON.

Janitors.

DENNIS J. MAHONEY. JOHN BURNS.
GEORGE SUTHERLAND.

TRUSTEES' REPORT.

To the Honorable, the City Council of the City of New Bedford, Mass.

The trustees present their sixty-fourth annual report to the City Council in the Report of the Librarian, which has been adopted by the Board.

Respectfully submitted,

BOARD OF TRUSTEES,

GEORGE H. TRIPP,

Clerk of the Board.

LIBRARIAN'S REPORT.

To the Board of Trustees of the Free Public Library.

At the dedication of our library building five years ago last December, in an address by Dr. Frank P. Hill, the Librarian of Brooklyn, N. Y., he said, "It is evident that the Public Library in New Bedford has had a normal and gradual growth. There have been no radical changes in either methods or management, the plan upon which the original work was inaugurated being practically identical with the present ideal of what a public library should be."

In presenting these annual reports to the Board of Trustees, the story of each year's progress and achievement is essentially along the path outlined sixty-five years ago when the library was established. During the past year, as in every year since we have moved into this building, there has been an increase not only in the circulation of books, but in the use of books. Noticeably during the past year every month shows a numerical gain over the corresponding month of the preceding year. From the open shelves in Ingraham Hall alone there was a gain of nearly one thousand for each month.

There have been few changes in the mechanical equipment of the library. The elevator has been repaired to conform to the requirements of the state police. A display case of ornate design and in harmony with the furniture of the Art Room has been installed in the upper corridor. This gives an opportunity for displaying in a dust proof case some of the choicer rarities in the library collection. There has also been purchased a revolving frame for showing prints. This is an attractive piece of furniture, and admirably adapted for its purpose.

To accommodate the greatly increasing demand for illustrative material for use in the schools, one of the study rooms has been filled with boxes and drawers in which are arranged systematically, pictures mounted and unmounted that can be used to illustrate almost any desired subject. In the report of the Art Librarian it will be noticed that several thousand such pictures have been mounted and added to the collection during the past year.

A satisfactory arrangement of the large number of pieces of sheet music, the gifts of various organizations and individuals, has been made by devoting the southeast study room to that purpose, where cabinets around the walls accommodate the sheets. There has been a noticeable increase in the additions to our music collection, and more interest has been shown in the books which we have on that subject.

The constantly increasing use of the lecture room is worth noticing. A tabulated list of all the events scheduled for that room will be given in an appendix, but it is worth while to note the large number of organizations which with more or less regularity have had their meetings in that room. Among these are the Horticultural Society, the Parliamentary Law Class of the Woman's Club, a class for the study of Current Events, Stamp Collector's Club, Committee for Work with the Blind, Equal Suffrage League; Medical Society, Astronomical Club, Teacher's Benefit Association, Young Men's Hebrew Association, St. John's Ambulance Fund, Smith College Club, Framingham Normal School Club, Charity Organization Class, New Bedford Peace Society, and the Forestry Association.

To formulate the rules regulating the use of the room, the Trustees at their meeting in December passed the following vote.

The use of the Lecture Room shall be granted for lectures or conferences on educational, artistic, literary and allied subjects without charge, provided that no tickets of admission or money shall be taken at the door. Admission to such meetings shall be entirely free.

Societies or clubs of similar aims, but of restricted membership may be granted the use of the Hall, but no tickets of admission or money shall be taken at the door, nor shall such meetings be advertised in the public press.

In all cases, application for the use of the Hall shall be made to the Librarian who shall have power to grant the privilege, subject to revision by the Committee on the Library.

[In granting the privilege to societies of restricted membership, it shall be understood that admission shall not be refused to any person who seeks entrance.]

The Lecture Course has proved popular. During the year there have been eighteen lectures given.

All were held in the High School Hall, with the exception of two in foreign languages which were given in our own lecture room. The two foreign lectures were given, one by Alberto Pecorini in Italian, and the other by Mrs. Euphrosyne Corinna Canoutas, in Greek. Accompanying the Italian lecture there was prepared by the library a card which was widely circulated among the Italian residents, calling attention to the opportunities offered by the library to citizens and residents of New Bedford of that nationality.

A unique entertainment was held in the lecture room last month, when a pianola concert for the blind was given which drew out a large attendance, and was much enjoyed.

As in previous years there have been numerous exhibits in the rotunda and the art room, mainly furnished by

the American Federation of Arts. A list of these will be given in an appendix. The most recent of these exhibits was the one on Household Decoration, which was supplemented by a printed list of books in the library on the same subject.

An exhibition of etchings is still continuing. This collection was loaned by the Chicago Society of Etchers.

Also during the month of December there was a Child Welfare Exhibit shown by the State Board of Health. This collection attracted attention and undoubtedly the result will be beneficial. The same exhibit will be later shown in the North and South ends of the city.

The Juvenile Room has followed its usual custom of making a special display of Christmas books, and in this connection printed lists have been circulated under the imprint of the library, giving titles of books for Christmas suitable for the children.

Among other publications of the year have been a list of stories and story-telling for juveniles and a list of dental books in the library, prepared by the Dental Society.

In order to increase the vital connection between the schools and the library, the Librarian and the Children's Librarian have at various times addressed classes and teachers, the director of the children's work especially having made many visits to the schools to give instruction to the higher grammar grades in the use of reference books, on the arrangement of books, on the use of the catalogue. This work has been well received by the schools and will unquestionably prove of mutual advantage.

By arrangement with the City Clerk, municipal reports received by his department are stored in the library, so that the library is accumulating, in addition to its extensive collection of United States government reports

and state reports, the municipal reports of many cities and towns. The municipal reference work continues and seems to be appreciated.

Work on the new bookplate, which has been authorized by your Board, has progressed favorably, and in all probability the completed design will await your approval at the next meeting.

Continuing the work started on the publication of marriages and deaths in the local papers, it has now been carried down to 1874, which will prove increasingly valuable to students of genealogy. The librarian of one of the most important antiquarian societies in the country, on a visit to New Bedford most highly commended the work, and stated that he was able to find material here that he had been searching for in vain for a long time.

The pleasant relations with other libraries continue, evidenced in part by the mutual interchange of books. We borrow very largely from the Boston Public Library, and from others when needed, and lend books very freely to other libraries in this vicinity, and sometimes at a distance. We have especially sent many collections of books to Wareham, Chatham, Vineyard Haven, Nantucket, etc.

It is perhaps not as well known as it should be that groups of individuals are given an opportunity of having collections of books which may be kept out for several months at a time, and which can be renewed at pleasure. Such collections have been sent to the schools, engine houses, the telephone exchange, and elsewhere. There are nearly 200 such deposits in various parts of the city. The library would be glad to supply such collections of books to any reliable persons, to department stores, factories, etc.

In May there was a new registration of borrowers made necessary by many of the card holders having changed their residences, or left the city. Such registrations seem to be necessary every few years to keep the list of active card holders up to date.

Owing to with the increase from one cent to two, in the daily fines for overdue books, there has been a large decrease in the number of overdue postals sent from the library.

The newspapers have given the library a good degree of publicity during the year, and they are always very ready to print interesting notices concerning library activities. The Standard has made special features in their Sunday editions of the lectures in our course, and has given extended and illustrated notices of the lectures and their subjects.

In the work of the Reference Department, the assistant in charge reports that in addition to answering requests for information from local inquirers, material has been furnished on all sorts of subjects to people from Barnstable, Chatham, Acushnet, Cotuit, Fairhaven, Falmouth, Hyannis Oak Bluffs, Vineyard Haven, Wareham, Wood's Hole, and other places.

She says, "The European war has furnished many subjects for essays and debates, and questions concerning armament and the financial resources of the warring countries, international law, etc., have been frequent."

An up to date map of Europe has hung in the Reference Room all the year, and has been studied by young and old alike. Two reproductions of old New England maps of 1680 and 1775 have attracted much attention and comment.

A list of books and papers of interest to the business men of the city was printed and distributed.

The question of publicity which has caused a good deal of comment in library circles has not been a disturbing feature in our library management. As the Reference Librarian has expressed it "We consider a well served patron our best advertisement".

The work with foreign readers has continued as formerly in increasing volume. Besides the minor languages which are represented by a few books, the citizens of New Bedford should understand that the library has very large collections of books in French, Portugese, Yiddish, German, and a reasonably large supply of books in Swedish, Greek, Arabic, and Polish.

The Director of the Art Room reports:-

"The customary work of this department has continued and increased during 1915, and considerable interest has been manifested in the various exhibitions. Much appreciation of the selection of new books has been expressed, many having been examined here which do not circulate frequently. Many places have drawn upon our collection of books and pictures.

The removal of the entire collection to one floor has facilitated our service, though with its constant growth [3426 pictures having been mounted last year] we are needing still more space.

The frequent request for open shelf space for the entire music collection continues, but foremost among the needs of the art department is lighting for the tables and book shelves."

The children's Librarian at the opening of school sent out a circular letter to be distributed among all the children in the rooms served by the school collections of books: probably from 6,000 to 7,000 of these circulars were distributed to the children to read and take home to their parents. These circulars outlined the opportunities offered

to the young, and in alluring form presented the treasures in store for the children on the shelves of their library. A copy of this letter is printed in an appendix. She writes "The Juvenile Room is conducted with a view to interesting and improving the children who frequent it, and both in that room and in the lists of books sent to the teachers suggestions of new titles are welcomed by the library, and such books are bought when possible."

When the available funds for the use of the library are sufficient, it would be desirable to have a Reference Librarian, absolutely under the control of the library but stationed at the High School, to act as an intermediary between the two institutions, and to assist in the reference work demanded by the higher grade pupils. This would not be intended to relieve in any way the work of the Reference Librarian, but would supplement her work greatly, increase its efficiency, and bring about a still closer relation between the High School students and the library which is supplied with the material c nstantly needed in their school work.

The work of the staff has been satisfactory, and they haye shown enthusiam and interest in their work. There has been an esprit de corps which is necessary for the best work, and I can give hearty commendation to their efforts.

The Librarian wishes to express to the members of the Board appreciation of the interest which they they have always manifested in the general and detailed work of the library, and the interest they have shown by attendance on sub-committee meetings aud the monthly meetings of the Board.

Respectfully submitted,

GEORGE H. TRIPP, *Librarian.*

REPORT OF THE JUVENILE ROOM

The activities of the Juvenile Department, such as the circulation of books through the Juvenile Room, the branches, the public schools, and Sunday Schools, have progressed as usual.

The important feature of the work this year has been the starting of classes for the purpose of instructing children in the use of the library. This has been made possible through the cordial co-operation of the superintendent of schools and the teachers. Pupils from the graduating classes in the grammar schools come with their teachers to the library where a laboratory lesson is given on the following topics:

1. Free Public Library--its meaning.
2. Arrangement of books.
3. Use of the catalogue.
4. Reference books. [Dictionary, encyclopedia, World almanac. magazine indexes, etc.]

The instruction is necessarily simple as the time given is only one hour. It does however, mark a step in the direction of helping the children to become intelligent users of the library.

In order to make the visit as practical as possible, each child is given a question to answer covering one of the points made in the lecture. The teachers have received the movement with enthusiasm and have helped materially in its success. One teacher gave her class a preliminary talk on the library and followed up the subject by giving the children topics to look up on their own responsibility.

The problem of the intermediate reader is making itself felt. The period of transition from the use of the Ju-

venile Room to that of the main library is a difficult one to adjust. We have attempted to solve the problem by placing on the open shelves in Ingraham Hall a collection of adult books suitable for young people.

Our annual exhibit of Christmas books for children was held this year in co-operation with the movement started by the Boy Scout organization for interesting people in purchasing better books for children. Attractive printed catalogues were distributed and in many instances the attendants in the Juvenile Room were able to help people in selecting good books. One of our local bookstores felt the results of our efforts to encourage the buying of better books, thus bringing to the front again a way in which the library may help the bookseller.

When the new sets of books were sent out to the schools in September, a letter was sent to every child in the rooms where there are class-room libraries for the purpose of emphasizing the source from which the books came. These letters were read in school and then taken home for the parents to read. The letters aroused much interest in the library among the children and many came to register. The children from one room answered the letter and their comments were very interesting.

Respectfully submitted,

JANE E. THUMAN.

Children's Librarian.

APPENDIX A.

ADDITIONS BY CLASSES IN YEAR 1915.

NEW TITLES

General Works,	15	History,	122
Ethics and Philosophy,	36	Fiction,	304
Religion,	37	French Fiction and Literature	69
Sociology,	115	German Fiction	1
Education,	40	Yiddish Fiction and Literature	61
Language,	15	Greek Literature [modern]	39
Science,	67	Polish Fiction and Literature	42
Useful Arts,	147	Italian Fiction and Literature	20
Fine Arts,	93	Portugese Fiction and Liter.	27
Music,	22	Roumanian Literature	1
Amusements and Sports,	30	Books for Children,	119
Literature,	101	Books for the Blind,	12
Description and Travel,	83		
Individual Biography,	57		1714
Collective Biography and Genealogy,	39	Periodicals and Newspapers bound	337
		Government Documents	471

APPENDIX B.

CIRCULATION.

	No. of Books.		Percent of Whole.
Main Collection, Adult.			
Classification.			
Miscellaneous, and periodicals,	12,829		6.89
Philosophy,	1,503		.80
Religion,	1,307		.70
Sociology,	3,896		2.09
Language,	1,226		.65
Science,	2,001		1.07
Useful Arts,	5,195		2.79
Fine Arts,	5,486		2.94
English literature,	4,002		2.15
Foreigh literature,	1,513		.81
Biography,	2,673		1.43
History,	3,157		1.69
Travel and description,	3,350		1.80
English fiction,	132,834		71.40
Foreign Fiction,	5,056		2.71
		186,028	

Juvenile Room,			
Classification.			
Fairy Tales,	8,556		15.53
Biography,	786		1.42
History,	2,043		3.70
Travel and description,	1,374		2.49
Fiction,	30,538		55.43
Miscellaneous, including Bible Stories, Literature, Science, Useful Arts, etc	11,793		21.40
		55,090	
Branches,		71,836	
Schools,		102,264	
Miscellaneous,		1,022	
Total circulation,		416,240	
Pictures loaned:			
Art photographs,	483		
Prints,	183		
Prints [color]	43,401		
Architecture,	91		
Sculpture,	90		
Stereographs	50,204		
Miscellaneous,	12,362		
		106,814	

APPENDIX C.

GENERAL STATISTICS FOR 1915.

Books Added.

Volumes purchased, Main Collection,	4,210	
Volumes purchased, Juvenile Room,	1,141	
Volumes purchased, School Collection,	1,033	
Volumes added by gift,	632	
		7,016

Phamphlets Added

Pamphlets purchased,	66	
Pamphlets added by gift,	3,259	
		3,325

Other Additions.

Prints, and process pictures, purchased,	583
Photographs, etc., [gifts],	12
Postcards [gifts],	31
Atlas folios, maps, charts, [incl. gifts]	190
Stereographs,	199
Miscellaneous [gifts]	13

Volumes worn out and withdrawn*		
Main Collection	568	
Juvenile Room,	856	
School Collection,	1081	
		2,505

*63 on account of being exposed to contagious diseases.

Volumes replaced:		
Main Collection,	342	
Juvenile Room,	755	
School Collection,	1,033	
		2,130
Net addition to the Library in volumes,		4,511
Number of volumes in Library, January 1, 1916,		154,511
Volumes bound, including periodicals and books rebound:		
Main Collection	3,070	
Juvenile Room,	1,112	
School Collection,	1,232	5,414
Periodicals in Reading Room,		377
Newspapers in reading Room,		52
New cards issued:		
Old Registration:		
Adult, Central Library	801	
Through Branches	304	
		1,105
Juvenile, Central Library	344	
Through Branches	346	
		690
New Registration:-[From May 17]		1,795
Adult, Central Library	7839*	
Through Branches	1627	
		9466
Juvenile, Central Library	2740	
Through Branches	967	
		3707
*Includes 81 Juvenile transfers.		13,173
Books drawn for home use, Central Library, Main Collection, Including, [Main Desk 79,793*, Ingraham Hall 91,638, Reference Room 9,874, Art Room 4277†, Genealogical Room 301, Teachers' Room, 145]	186,028	
*Including 345 through Branches. †Including 46 books for Blind		
Books circulated from Juvenile Room,	55,090	
Books circulated from School Collection,	102,264	
Books circulated directly from Branch Reading, Rooms,	71,836	
Inter-Library loans	85	
Other Agencies [Including Engine Houses, Sunday Schools, Clubs, etc.	937	
Total circulation of books		416240

Pictures circulated from Art Room:			
Art Photographs 483, Prints 183, Color Prints [including Phostints] 43,401, Architecture 91, Sculpture 90, Stereographs 1,279 Miscellaneous 12,362		57,889	
Pictures circulated from Juvenile Room:			
Stereographs, in sets of 25 and 50,	48,925		
Pictures,	6	48,931	
			106,820
Notices sent out for over due books:			
Main Library—Postal cards 3,893; letters 179		4,072	
Juvenile Room—Postal cards 692; letters 45		737	
Branches [N & S] Postal cards 786; letters 63		849	5,658
Messenger sent 65			

BRANCH READING ROOMS IN DETAIL.

NORTH.

Attendance, adult, 24,351;	Sundays, 2,023	26,374	
Attendance, children 40,526;	Sundays, 6,012	46,538	
			72,912
Books circulated,--adult 24,461			
Juvenile 15,679; Central 164			40,304
Cards issued through Central;			
Old Registration, Adult 170; Juvenile 196			366
New Registration, Adult 991; Juvenile 444			1435
Periodicals in Reading Room,			29
Newspapers in Reading Room,			19

SOUTH.

Attendance, adult, 9,934;	Sundays, 1,174	11,108	
Attendance, children 22,997;	Sundays, 3,857	26,854	
			37,962
Books circulated,-adult 7,746			
Juvenile 10,118; Central 119			17,983
Cards issued through Central;			
Old Registration, Adult 30, Juvenile 144			174
New Registration, Adult 339,juvenile 484			823
Periodicals in Reading Room,			27
Newspapers in Reading Room,			15

WEST.

Attendance, adult, 7,098	Sundays, 573	7,671	
Attendance, children 8,441	Sundays, 2,033	10,474	
			18,145
Books circulated,-Adult 12,337			
Juvenile 1,495; Central 62			13,894
Cards issued through Central:			
Old Registration, Adult 104, Juvenile 6			110
New Registration, Adult, 297, Juvenile, 39			336
Periodicals in Reading Room			29
Newspapers in Reading Room			9

APPENDIX D.

FORM OF LIBRARY STATISTICS.

Compiled by the A. L. A. Committee on Library Administration.

Annual report for year ended, December 31, 1915

Name of Library, Free Public.

Name of Librarian, George H. Tripp

City or town, New Bedford, Mass.

Population served, 115,000. (estimated.)

Terms of use—
Free for lending
Free for reference

Total number of agencies
Consisting of – Central library, One.
Branches, Three.
Other Agencies, 35 schools, 172 rooms in schools, with average of 48 books in each room; 4 engine houses, 2 clubs, 1 inn.

Number of days open during year (Central library), 365.

Hours open each week for lending (Central library), 72.

Hours open each week for reading (Central library), 79.

Total number of staff (counting as full time, adding together those giving less than full time as fractions and reporting nearest whole number), 22.

Total valuation of library property, $551,400.

INCREASE.

	Adult	Juvenile	Total
Number of volumes at beginning of year	131,700	*18,300	150,000
Number of volumes added during year by purchase	4,210	2,174	6,384
Number of volumes added during year by gift and exchange	632		632
*Including school libraries			
Number of volumes lost or withdrawn during year	568	1,937	2,505
Total number at end of year			154,511

Number of pamphlets at beginning of year, Uncounted,	over 25,000
Number of pamphlets added during year,	3,325
Number of maps and charts added during year,	2
Total number of maps at end of year (not including geodetic survey)	274
Number of photographs added during year, including prints and pictures,	626
Stereographs,	199
Miscellaneous,	13

Total number of photographs at end of year, Uncounted, many thousands.

Number of sheets of music added during year,	Uncounted
Total number of sheets of music at end of year,	"
Number of clippings added during year,	"
Total number of clippings at end during year,	"

USE

	Adult	Juvenile	Total
Total number of volumes lent for home use.			416,240
Number of volumes of fiction lent for home use from Central library. See Appendix B & C.	174.475	47,723	222,198
Number of prints lent for home use.			106,820
Recorded use in reading rooms.		Uncounted	
Number of exhibitions held.			6
Number of lectures given.			22
Number of publications issued.			15

REGISTRATION.

	Adult	Juvenile	Total
Number of borrowers registered during year	10,571	4,397	14,968
Total number of registered borrowers (New registration in May)	"	"	"

Registration period, 5 years.

Number of preiodicals (including newspapers and transactions of societies) currently received

(Give both number of titles and copies–not pieces)

539 copies with 377 titles of magazines, and 86 copies, with 52 titles of newspapers.

Number of persons using library for reading and study. Not counted.

FINANCE.

Receipts from		Payments for	
Unexpended Balance ...	6,785.93	Maintenance	
Local taxation	26,289.60	Books.....	7,669.45
Endowment Funds Net..	12,606.08	Periodicals.....	1,737.63
Fines and sales of publications, See Appendix F.		Salaries, library service.....	17 956.24
Other sources. Dog fund	2,684.37	Salaries, Engineers, etc.	8,865.43
		Insurance	302.40
		Light in branches.....	551.42
		Other maintenance...	7 397.[illegible]3
Total	$48,365.98	Total Maintainance	$44,480.20

APPENDIX E.

LECTURE AND STUDY ROOMS, 1915.

Jan.	4	New Bedford Horticultural Society.
Jan.	5	Woman's Club. Parliamentary Law Class.
Jan.	6	Smith College Club.
Jan.	6	Equal Suffrage League.
Jan.	7	Lecture. Frederick Monsen, F. R. G. S. Recent Mexican History.
Jan.	7	New Bedford Medical Society, Dr. E. W. Taylor, Ass't. Neurologist Massachusetts General Hospital "Relation of the general practitioner to the neurologist".
Jan.	14	Astronomical Club.
Jan.	15	Teachers' meeting.
Jan.	17	Young Men's Hebrew Association. Debate.
Jan.	18	Current events.
Jan.	19	Woman's Club. Parliamentary Law Class.
Jan.	19	Old Colony Branch of the Congregational Woman's Board of Missions.
Jan.	20	Stamp Collectors.
		Poultry Association; illustrated lecture by C. W. Whitney.
		Woman's Club Executive Board.
Jan.	21	Charity Organization class.
		Teachers' meeting.
Jan.	25	Current events.
Jan.	28	Lecture. Kate Ryan. "Old Boston Museum days".
Jan.	29	Dr. David Snedden, Commissioner of education for Massachusetts, "Possibilities of the home-making course in vocational schools".
Feb.	1	Current events.
		New Bedford Horticultural Society.
Feb.	2	Woman's Club. Parliamentary Law Class.
Feb.	8	Current events.
Feb.	8	New Bedford Medical Society. Dr. A. R. MacAusland, "Fractured hip, its diagnosis and treatment".
Feb.	11	Astronomical Club.
Feb.	11	Lecture. A. C. Crosman. "India, the land of mystery".
Feb.	14	Y. M. H. A.
Feb.	15	Current events.
Feb.	16	Woman's Club. Parliamentary Law Class.
Feb.	17	Lecture. Prof. A. S. Isaacs. An evening with Heine.
		Stamp collectors.
		Poultry Association.
Feb.	18	Charity Organization Society Class.
Feb.	25	Charity Organization Society Class.
Feb.	25	Hearing on civic charter.
Feb.	25	Lecture. R. C. Coggeshall. "Japanese life,and character".
Mar.	1	Current events.
		New Bedford Horticultural Society.
Mar.	2	Woman's Club. Parliamentary Law Class.
Mar.	3	Equal suffrage.
		Woman's Club Executive Board.

Mar. 8 New Bedford Medical Society.
Dr. C. H. Dunn of Children's Hospital Boston. "Fat indigestion in infants".
Old Dartmouth Historical Society Directors.
Mar. 10 Woman's Club Executive Board.
Mar. 10 Poultry Association.
Mar. 11 Astronomical Club.
Charity Organization Society Class.
Mar. 14 Y. M. H. A. Rabbi Solomon Schieffer "Moses Mendelsohn and his times".
Mar. 15 Teachers' meeting.
Mar. 16 Woman's Club. Parliamentary Law Class.
College Club.
Mar. 17 Woman's Club Executive Board.
Homeopathic physicians.
Stamp Collectors' Club.
Mar. 18 Lecture. M. L. Perrin, Ph. D. "Norse mythology and origin of Christmas legends".
[Evening High School class in book-keeping.
Mar. 21 Y. M. H. A. Lecture. "Mental hygiene".
Mar. 22 Old Dartmouth Historiacal Society annual meeting.
Evening High School class in book-keeping.
Mar. 24 Woman's Club Executive Board.
Woman's Club Lecture. D. C. Potter.
Mar. 25 Homeopathic physicians.
Master Plumbers illustrated lecture.
Forestry association.
C. W. Young. Tree planting.
Evening High School class in book-keeping.
Mar. 31 Woman's Club Executive Board.
April 1 Lecture. W. E. Griffis. "Pilgrims and Puritans; differerences between them in 1620 and to-day".
Homeopathic physicians.
April 5 New Bedford Horticultural Society.
April 7 Equal Suffrage.
Teachers' meeting.
April 8 Charity Organization Society Class.
Astronomical Club.
April 9 Poultry Association.
April 11 Y. M. H. A. Lecture. Dr. Nathan Stern of Providence, "Reformed Judaism."
April 12 Framingham Normal School Club.
New Bedford Medical Society; Dr. E. H. Nichols. Brain surgery".
April 14 "St. Johns Ambulance Association. First aid and ambulance work.
Woman's Club Executive Board.
Poultry Association.
April 15 Homeopathic physicians.
April 16 Lecture. Conferenzia Italiana.
Prof. Alberto Pecorini. "I Vantaggi in America per gl' Italiani."
April 21 Stamp Collectors.

April 22	Charity Organization Society Class.
	Lecture. I. B. S. Holborn, M. A. [Oxon.] "Story of Marathon and how the Greeks saved our civilization".
April 26	Teachers' meeting.
April 28	St. John's Ambulance Association.
May 3	New Bedford Horticultural Society.
May 5	Equal Suffrage.
May 6	Charity Organization Society Class.
	Council of Jewish women.
May 7	Lecture. Mary B. Seabury and Helen Seabury. "Lake Mohonk and its conference".
May 10	New Bedford Medical Society.
May 12	St. John's Ambulance Association.
May 13	Astronomical Club. Lecture by Mr. Jepson.
May 19	Stamp Collectors.
May 21	Charity Organization Society Class.
May 24	New Bedford Medical Society.
May 26	St. John's Ambulance Association.
	Poultry Association.
June 2	Woman's Club Executive Board.
	Equal Suffrage.
June 7	New Bedford Horticultural Society.
June 10	Astronomical Club.
June 14	Old Dartmouth Historical Society, directors meeting.
	New Bedford Medical Society.
June 16	Stamp Collectors.
	St. John's Ambulance Association.
June 17	Peony Show.
June 18	Equal Suffrage.
June 23	Woman's Club Executive Board.
June 25	Rose Show.
June 28	New Bedford Medical Society.
June 30	St. John's Ambulance Association.
	Woman's Club Executive Board.
July 12	New Bedford Horticultural Society.
Sept. 13	New Bedford Horticultural Society.
Sept. 14	College Club Committee.
Sept. 21,22	Dahlia Show.
Sept. 22	Teachers' Benefit Association.
Sept. 22	St. John's Ambulance Association.
Sept. 27	High School Class Lecture on use of library. G. H. Tripp.
Sept. 28	Committee from Woman's Club - work with blind.
Sept. 29	Woman's Club - Executive Committee.
Oct. 4	Framingham Normal School Club.
Oct. 4	New Bedford Horticultural Society.
Oct. 6	Weekly readings for blind resumed.
Oct. 7	Lecture. J. C. Powys, M. A. "Florentine Art."
Oct. 11	American Red Cross.
	New Bedford Medical Society. Annual Meeting.
Oct. 13	Woman's Club Executive Board.
Oct. 14	Lecture. A. T. M de Andria "Constantinople".
	Astronomical Club.
Oct. 21	Lecture. Mrs. Euphrosyne C. Canoutas "Constantinople and Turkey".—in Greek.

Oct. 28 Lecture. G. P. Serviss. "How suns and worlds are made."
Board of Trade. Richard Knowles.
Nov. 3 Woman's Club - Executive Board.
Equal Suffrage.
Nov. 4 Lecture. C. W. Furlong. "Brazil".
Red Cross. Cranston Brenton.
Nov. 8 Charity Organization. Annual Meeting.
Nov. 9 Peace Society. C. E. Beals. "Function of war in the evolution of man".
Nov. 10-11 Chrysanthemum show.
Nov. 11 Bristol Co., Medical Association.
Mass. Medical Association.
Nov. 11 Lecture. Prof. B. R. Baumgardt.
"Romance of man".
Nov. 15 Current events.
College Club.
Nov. 16 Lecture. Franklin Matthews.
"Some unpublished reminiscences of a journalist".
Nov. 17 Woman's Club. Executive Board.
Nov. 18 Astronomical Club. Vincent Francis.
Nov. 21 Y. M. H. A. Dr. Max Huntenberg. "Anti-Semitism".
Nov. 22 Current events.
New Bedford Medical Association.
Dr. Allen Greenwood, "With the Harvard Unit in France".
Nov. 23 Peace Society.
Nov. 24 Lecture. Prof. Alberto Pecorini.
"O Tutti Americani.
O Tutti Stranieri".
Nov. 26 Dora Keene, F. R. G. S. "Where rail meets trail".
Nov. 29 Current events.
Teachers' meeting.
Nov. 30 Board of Trade.
Dec. 1 Equal Suffrage.
Woman's Club Executive Board.
Dec. 2 Lecture. Mrs. Minna E. T. Peck.
Holland, and the Art of Rembrandt".
Board of Trade.
Dec. 6 New Bedford Horticultural Society.
Committee for work with blind.
Current events.
Dec. 8 Woman's Club.
Dec. 9 Lecture. A. E. Bartlett. "Indian cities of the southwest."
Astronomical Club.
Dec. 12 Y. M. &. Y. W. H. A. L. W. Feezer of State Bd. Health.
Dec. 13 Current events.
Dec. 13 Old Dartmouth Historical Society Directors.
Dec. 16 Lecture. L. C. Elson. "Sailors' songs and chanties".
Dec. 20 Current Events.
Dec. 22 Woman's Club. Executive Board.
Dec. 27 New Bedford Medical Society. Dr. T. W. Harmer of Boston. "Diagnosis and treatment of sarcoma".
Current events.
Child Welfare Exhibit.
Dec. 29 Child Welfare Lecture postponed.
Concert for blind.
Woman's Club Executive Board.

APPENDIX F.

CITY APPROPRIATION.

Appropriation,		$25,000.00
Transfers,		1,289.60
		$26,289.60
Salaries,	$16,120.29	
Wages,	7,721.41	
Supplies,	860.21	
Lighting, branches,	504.22	
Repairs and labor,	168.91	
Printing,	16.41	
Telephone,	47.66	
Express and freight,	125.61	
Furniture,	194.00	
Incidentals,	182.95	
Insurance,	201.60	
Water rates,	126.33	
Copying records,	20.00	
		$26,289.60

KEMPTON FUND

Balance,		$3,525.68
Income,		10,015.00
		$13,540.68
Books,	6,650.86	
Periodicals,	1,629.56	
Pictures and work on,	326.87	
Binding,	2,319.05	
Printing,	150.60	
Incidentals,	42.19	
Copying records,	40.00	
Stereoscope,	11.40	
Art Furniture,	760.00	
Library Cards,	117.01	
	$12,047.54	
Balance,	1,493.14	
		$13,540.68

OLIVER CROCKER FUND.

Balance,		48.90
Income,		40.00
		88.90
Salaries,	58.35	
Repairs and labor,	3.35	
Supplies,	6.50	
Express and freight,	.30	
	68.50	
Balance,	20.40	88.90

GEORGE O. CROCKER FUND.

Balance,		9.36
Income,		400.00
		409.36
Salaries,	58.35	
Wages,	328.90	
Supplies,	19.09	
Repairs and labor,	2.00	
	408.34	
Balance,	1.02	
		$409.36

DOG FUND.

Balance,		$180.49
Income,		2,684.37
		$2,864.86
Salaries,	$1,719.25	
Wages,	815.12	
Express and freight,	28.01	
Repairs and labor,	47.13	
Incidentals,	35.46	
Light,	47.20	
Telephone,	3.84	
Supplies,	56.58	
Insurance,	100.80	
	$2,853.39	
Balance,	11.47	$2,864.86

SYLVIA ANN HOWLAND FUND.

Balance,		$2,707.84
Income,		2,027.08
		4,734.92
Books,	$1,018.59	
Lectures,	782.70	
Binding,	313.39	
Periodicals,	108.07	
Printing,	486.25	
Pictures,	64.33	
Incidentals,	39.50	
	$2,812.83	
Balance,	1,922.09	
		$4,734.92

GEORGE HOWLAND, JR. FUND.

Balance,		$132.14
Income,		64.00
		$196.14
No expenditures,	.....	
Balance,		$196.14

JAMES B. CONGDON FUND.

Balance,		$100.83
Income,		20.00
		$120.83
No expenditures,	.....	
Balance,		$120.83

CHARLES W. MORGAN FUND.

Balance,		$80.69
Income,		40.00
		120.69
No expenditures,	.....	
Balance,		120.69

TOTAL EXPENDITURES.

Salaries,	$17,956.24
Wages,	8,865.43
Books,	7,669.45
Periodicals,	1,737.63
Binding,	2,632.44
Pictures, and work on,	391.20
Furniture,	954.00
Lighting branches,	551.42
Supplies,	942.38
Repairs and labor,	221.39
Telephone,	51.50
Printing,	653.26
Incidentals,	300.10
Express and freight,	153.92
Water rates,	126.33
Lectures,	782.70
Copying records,	60.00
Insurance,	302.40
Stereoscopes,	11.40
Library Catalogue cards,	117.01
	$44,480.20

FINES ACCOUNT.

Balance Dec. 1, 1914,	$ 67.80	
Receipts from fines to Dec. 1, 1915.	1,119.00	
Paid City Treasurer,		$1,109.00
Balance Dec. 6, 1915.		77.80

APPENDIX G.

GIFTS.

List of Donors—1915.

	Vols.	Pphs.
Abington, Mass., Town of		1
Adams., Charles Francis, Boston		3
Akin, Thomas B., New Bedford		117
Alden, Charles E., New Bedford ..... Photograph		
Allen, N. H., Worcestor ..... Portfolio of pictures	1	
Alliance Francaise, Paris, France		2
Amerlcan Association for International Conciliation..... New York, N. Y.	1	15
American Association for Labor Legislation, ... New York, N. Y.		3
American Association on Unemployment, New York, N. Y.		1
American Economic Association, New York, N. Y.		1
American Electric Railway Association, New York, N. Y.		1
American Flint Glass Workers' Union		1
American Geographical Society, New York, N. Y.		2
American Institute of Electrical Engineers, New York, N. Y.	2	
American–Irish Historical Society, New York, N. Y.	1	
American School Peace League		1
American Social Hygiene Association, New York, N. Y.		2
American Telephone and Telegraph Co., New York ,N. Y.		12
American Trust Co., Boston		6
Amherst College, Amherst		1
Ancient and Honorable Artillery Company of Massachussetts, Boston	1	1
Andover Theological Seminary, Cambridge		1
Andreae, Percy, Cincinnati, O.	1	
Annals de la Regie Directe, Geneve		1
Anonymous, Boston		1
Anthony, Mrs. Benjamin, New Bedford		5
Associated Factory Mutual Fire Insurance Companies, ... Boston		1
Association of American Portland Cement Manufacturers, .. Philadelphia, Pa.	2	15
Association of Life Insurance Presidents, New York, N. Y.		5
Attleborough, Mass., Town of		1
Austro–Hungarian Consulate, New York, N. Y.		1

Austro-Hungarian Red Book, (Publishers)		3
Bancroft-Whitney Co., San Francisco	3	
Bangor and Aroostook Railroad, Bangor, Me.,		1
Bank of the Manhattan Company, New York, N. Y.		1
Barney, Charles W., New Bedford ..... 2 Periodicals	9	
Barron, Heriberto		1
Bates College, Lewiston, Me.,		4
Baylor University, Waco, Texas		4
Benneville, James S. de, Yokohama, Japan	1	
Berkshire County, Mass		1
Better County Government in New York State, New York, N. Y.		1
Bible Training School, South Lancaster, Mass.,	5	
Bohemian Societies in New Bedford	1	
Boston, Massachussetts, City of		1
Boston Public Library, Boston	3	
Boston Museum of Fine Arts, Boston		1
Boston Port and Seamen's Aid Society, Boston		1
Boston University, Boston		2
Bowdoin College, Brunswick, Me.,		2
Bradford Durfee Textile School, Fall River		1
Bratu, Petru B., Cleveland, O.,	1	
Brentanos, New York, N. Y ,		2
Bristol County, Massachusetts		1
Brooklyn Bureau of Charities, Brooklyn		1
Brown ,Frank E., New Bedford		2
Browne and Sharpe Manufacturing Co., Providencc, R. I.	1	
Brown University, Providence, R. I.,	2	2
Buffet, Edward P., Jersey City, N. J.,	1	
Bunker Hill Monument Association., Boston	1	3
Bureau of Railway News and Statistics, Chicago, Ill.	2	
Burke, Mrs. Matthew, Acushnet	2	
Butler Hospital, Providence, R. I.,		1
Canada, Department of Interior ..... 2 maps		
Cancer Commission of Harvard University, Boston		1
Carnegie Endowment for International Peace, Washington, D. C.	3	25
Carnegie Hero Fund Commission, Pittsburg, Pa.		1
Carnegie Institute of Technology, Pittsburg, Pa.	1	
Carnegie Institution of Washington, Washington ,D. C.,		1
Carney Hospital, South Boston		1
Central Labor Union of New Bedford		4
Carver, Mass., Town of		1

Chalif, Louis H., New York ,N. Y.		1
Chapin, Howard M., Providence, R. I.		1
Chicago, Illinois, City of	1	9
Chicago Association of Commerce, Chicago, Ill.	1	
Chicago College of Osteopathy, Chicago, Ill.		3
Chicago School of Civics and Philanthropy, Chicago, Ill.		3
City Plan Commission, Newark, N. J.		1
Clifford, Charles W., New Bedford	4	
Colorado, State of		5
Columbia University, New York, N. Y.	1	6
Committee on Railway Mail Pay, New York, N. Y.		9
Connecticut Historical Society, Hartford, Conn.		1
Connecticut State Medical Society		3
Cosby, Joseph T., New York, N. Y.		1
Crapo, Hon. William W., New Bedford	2	
Cronan, Rudolf, New York, N. Y.	1	
Dartmouth, Mass., Town of		1
Dartmouth Christian Assiciation, Hanover, N. H.		1
Dartmouth College, Hanover, N. H.	1	4
Denham, Edward, New Bedford		1
Dennison Manufacturing Co., Boston		2
Detroit, Michigan, City of		1
Detroit Housing Association, Detroit, Mich.		3
Dietz, R. E., Company, New York, N. Y.	1	
Dingee and Conrad Co., West Grove, Pa		2
District of Columbia		1
Donlan, Thomas J., New York, N. Y.	Sheet Music	
Draper Co., Hopedale, Mass.		9
Duxberry, Mass., Town of		1
Eliot, Dr. Charles W.		1
Fairhaven, Mass., Town of		1
Farquhar & Co., Boston		1
Farnham, Joseph E. C., Providence, R. I.	1	
Farnsworth, Edward C., Portland, Me.	1	
Fatherland, The, New York, N. Y.		1
Fess, Hon. S. D., Ohio		2
Field Museum of Natural History, Chicago, Ill.		2
Fish, Andrew, New Bedford	Periodical	
Fitchburg Board of Trade, Fitchburg, Mass.		5
Fleishmann Co., New York ,N. Y.	1	2
Forbes, Allan, Boston		1
Fort Phoenix Chapter D. A. R., Fairhaven	4	
Franklin Institute, Philadelphia, Pa.		2

Freetown, Mass., Town of		1
General Education Board, New York, N. Y.	1	
General Electric Co., Schenactady, N. Y.		2
General Society of Mechanics and Tradesmen of the City of New York		1
General Socity of the War of 1812, Baltimore, Md.		1
Gerhard, Dr. William P., New York, N. Y.	1	
Globe-Wernicke Co., Boston		1
Grinnell College, Grinnell, Iowa		2
Hale Memorial Fund, Milwaukee, Wis.	1	
Hall Estate, New Bedford	35	5
Hampden County, Massachusetts		1
Harriman, Rev. C. C., Albany, N. Y.		1
Hart, Schaffner & Marx, Chicago	Illustrative Material	
Hartford Seminary Foundation, Hartford, Conn.		1
Harvard University, Cambridge	2	1
Haskins and Sells, New York, N. Y.		1
Hawaii Promotion Committee, Hawaii		1
Haywood, Harry Jr., New Brunswick, N. J.	1	
Hebrew Union College, Cincinnati, O.		2
Hervas Laboratories of American Linguistics, St. Louis, Mo.		2
Hinds, Noble & Eldredge, New York, N. Y.	3	
Hispanic Society of America, New York, N. Y.	1	1
Home and School League, Philadelphia, Pa.		1
Hough, Dr. Garry de N., New Bedford	Periodical	
Hough, George A., New Bedford	7 Photographs	
Howland, John J., New Bedford	2 Sterio. Views	
Hueffer, Ford Madox, New York, N. Y.	2	
Human Betterment Co., Lancaster, Penn.		1
Hunting, H. R., Springfield, Mass.	1	
Illinois, State of	1	
India Association, Victoria, B. C.		1
Indian Rights Association, Philadelphia		2
Indianapolis, Md., Chamber of Commerce		1
Industrial Commission of Ohio		1
International Institute of Agriculture, Rome, Italy	Periodical	
International Woman Suffrage Alliance, London, England		1
Interstate Commerce Commission, Washington. D. C.		1
Janet, Charles, Paris, France		2
Japan Society, New York, N. Y.	3	3
Jersey City Chamber of Commerce		2
Johns Hopkins University, Baltimore, Md.		1
Kansas State Board of Agriculture, Topeka, Kan.	1	2

Lake Mohonk Conference, Mohonk Lake ,N. Y..... 2
Lakeville, Mass., Town of 1
Leland Stanford University, Cal. 1

Libraries, State Library Commissions and Similar Institutions.

(Gifts including Reports, Bulletins or like publications have been received from the following institutions.)

Albany, N. Y., New York State Library.
Andover, Mass., Memorial Hall Library.
Augusta, Maine, Maine State Library.
Baltimore, Md., Enoch Pratt Free Library.
Boston, Mass.
[Massachusetts] State Library.
Public Library.
Braddock, Pa., Carnegie Free Library.
Branford, Conn., James Blackstone Memorial Library.
Brockton, [Mass.,] Public Library.
Brookline [Mass.] Public Library.
Brooklyn [N. Y.] Institute of Arts and Sciences.
Brooklyn, N. Y., Pratt Institute Free Library.
Brooklyn [N. Y.] Public Library.
Buffalo [N. Y.] Public Library.
Burlington, Vt., Fletcher Free Library.
Cambridge, Mass., Harvard University Library.
Canton, [Mass.] Public Library.
Cedar Rapids, Iowa, Free Public Library.
Chelsea [Mass.] Public Library.
Chicago, Ill., American Library Association.
Municipal Reference Library.
Chicago Public Library.
John Crerar Library.
Chicopee [Mass.] Public Library.
Cleveland [Ohio] Public Library.
Clinton, Mass., Bibelow Free Public Library.
Concord [N. H.] Public Library.
Danvers. Mass., Peabody Institute.
Dayton. Ohio, Public Library and Museum.
Dover [N. H.] Public Library.
East Orange [N. J.] Free Public Library.
Elizabeth [N. J.] Free Public Library.
Fairhaven, Mass., The Millicent Library.
Fitchburg [Mass.] Public Library.
Galveston, Texas, Rosenburg Library.
Gary [Ind.] Public Library.

Germantown, Phila., Friends' Free Library.
Grand Rapids [Mich.] Public Library.
Groton [Mass.] Public Library.
Hartford, Conn., Connecticut State Library.
    Hartford Public Library.
Haverhill, Mass., Massachussetts Library Club.
    Haverhill Public Library.
Hopedale, Mass., Bancroft Memorial Library.
Huntington, Conn., Plumb Memorial Library.
Indianapolis [Ind.] Public Library.
Jacksonville [Fla.] Public Library.
Jersey City [N. J.] Free Public Library.
Lancaster, Mass., Town Library.
Lansing, Mich., Michigan State Library.
Leominster [Mass.] Public Library.
Lincoln, Neb., City Library.
    Nebraska Public Library Commission.
Los Angeles [Cal.] Public Library.
Louisville [Ky.] Free Public Library.
Lynn [Mass.] Public Library.
Madison, Wis., Wisconsin Library.
Malden [Mass.] Public Library.
Manchester, N. H., City Library.
Medford [Mass.] Public Library.
Middleboro [Mass.] Public Library.
Milton [Mass.] Public Library.
Milwaukee [Wis.] Public Library.
Montpelier, Vt., Vermont Free Public Library Commission.
New Britain [Conn.] Institute Library.
New Haven [Conn.] Free Public Library.
    Yale University Library.
New Orleans [La.] Public Library.
New York, N. Y.
    New York Mercantile Library Association.
    Public Library.
    Russell Sage Foundation Library.
Newark N. J. Free Public Library.
Newport R. I. Redwood Library and Athenaeum.
Newton [Mass.] Free Library.
Northampton, Mass., Forbes Library.
Northfield, Vt., Norwich University Library.
Oberlin [O.] College Library.
Passaic [N. J.] Public Library.

Paterson [N. J.] Free Public Library.
Pawtucket R. I. Deborah Cook Sayles Library.
Philadelphia Pa. Apprentices' Library Company.
Free Library of Philadelphia.
Library Company of Philadelphia.
Pittsburg Pa. Carnegie Library.
Portland [Me.] Public Library.
Poughkeepsie N. Y. Adriance Memorial Library.
Providence R. I. John Carter Brown Library.
Providence Athenaeum.
Providence Public Llbrary.
Quincy Mass. Thomas Crane Public Library.
Riverside [Cal.] Public Library.
Rochester [N. Y.] Public Library.
St. Louis, Mo. Mercantile Library Association.
St. Louis Public Library.
Salem [Mass.] Public Library.
Salt Lake City [Utah] Public Library.
San Francisco [Cal.] Public Library.
Savannah [Ga.] Public Library.
Schenactady [N. Y.] Public Library.
Scranton [Pa.] Public Library.
Seattle [Wash.] Public Library.
Somerville [Mass.] Public Library.
Spokane [Wash.] Public Library.
Springfield, Mass., City Library Association.
Syracuse [N. Y.] Public Library.
Tacoma [Wash.] Public Library.
Taunton [Mass.] Public Library.
Waltham [Mass.] Public Library.
Washington, D. C. Library of Congress.
Public Library of the District of Columbia.
Westminister, City of [London, Eng.] Public Library.
Wilmington, Del., American Library Association.
Wilmington Institute Free Library.
Winchester [Mass.] Public Library.
Worcester Mass Clark University Library.
Free Public Library.

Longmans Green & Co., New York, N. Y. 1
Lowney, Walter M. Co., Boston.....Illustrative Material
Luke, Miss Elizabeth, New Bedford.. 6
Market World & Chronicle, New York, N. Y. 3

Massachussetts, Commonwealth of		
Board of Commissioners on Fisheries and Game		1
Board of Education		1
Board of Gas and Electric Light Commissioners	1	
Bureau of Statistics	3	16
Civil Service Cimmission		3
District Police		3
Industrial Accident Board		5
Office of the Secretary	56	84
State Board of Agriculture		1
State Board of Conciliation and Arbitration	2	
State Department of Health		4
Massachussetts Anti-Tuberculosis League, Boston		1
Massachussetts Charitable Eye and Ear Infirmary, Boston		2
Massachussetts General Hospital Boston		2
Massachusetts Institute of Technology, Boston	3	
Massachusetts Nautical School, Boston		2
Massachusetts Peace Society, Boston		6
Massachusetts Woman Suffrage Association, Boston	1	
Mattapoisett, Mass., Town of		2
Meadeville Theological School, Meadeville, Pa.		4
Meeker, Ezra, San Francisco, Cal.		1
Merchants' Exchange of St. Louis, Mo.	1	
Meriden Britannia Co., Meriden, Conn.		1
Metropolitan Life Insurance Co., New York, N. Y.		4
Metropolitan Museum of Art, New York, N. Y.		3
Minneapolis, Minn. City of		2
Minnesota State Normal Schools		1
Montessori Association, Washington, D. C.		1
Moore, Charles Chilton, New York, N. Y.	1	
Morgenstein, Julian, Cincinnati, O.		1
Moses Brown School, Providence, R. I.		1
Mosher, Charles E. E., New Bedford	Music	
Mt. Holyoke College, So. Hadley, Mass.		1
Municipal Ownership Publishing Co., New York, N. Y.	2	5
National Academy of Sciences, Washington, D. C.	1	
National Association of Corporation Schools, New York, N,Y.		9
National Association of Wool Manufacturers		1
National Automobile Chamber of Commerce, New York, N. Y	1	
National Board of Fire Underwriters, New York, N. Y.		1
National Child Labor Committee, New York, N. Y.		8
National Civic Federation, New York, N. Y.		1
National Civil Service Reform League, New York, N. Y.		1

National Collegiate Athletic Association		1
Nantucket County, Massachusetts		1
National Education Association ,Ann Arbor, Mich.		5
National Fire Protection Association, Boston		1
National Home Rule Association, Cincinnati, O.		1
National Municipal League, New York ,N. Y.		1
National Retail Dry Goods Association, New York, N. Y.		
National Society for the Study and Prevention of Tuberculosis, New York, N. Y.	9	1
New Bedford, Mass., City of		
Board of Health		1
Board of Park Commissioners		1
Chief Engineer of Fire Department		1
City Auditor		1
City Clerk	36	
Clerk of Committees	4	
Engineering Department		1
New Bedford Industrial School		2
School Department	Periodicals	
Street Department		1
New England Society in City of New York		1
Newport Historical Society, Newport. R. I.		5
New York Association for Improving the Condition of the Poor, New York, N. Y.		2
New York, City of, N. Y,	2	
New York Civil Service Reform Association, New York, N. Y.		1
New York Farmers, New York, N. Y.		1
New York, New Haven and Hartford Railroad Co., New York, N. Y.		15
New York State Board of Charities, Albany, N. Y.		4
New York State Education Department, Albany, N. Y.	2	
New York State School for the Blind, Batavia, N. Y.		1
New York Stock Exchange, New York, N. Y.	1	1
New York University, New York N. Y.,	1	
New Zealand, Government of,	Map	2
Nichols, L. N., New York. N. Y.	Newspaper Repro.	
Norfolk County, Massachusetts		1
North, R. H., Philadelphia, Pa.	1	
North American Civic League for Immigrants, Boston		1
Norton, Oliver W., Chicago, Ill.	1	1
O. E. Library League, Washington, D. C.		2
Ohio Agricultural Experiment Station, Wooster, O.	1	4
Ohio Wesleyan University, Delaware, O.	1	1

Old Dartmouth Historical Society, New Bedford		5
Oregon State Immigration Commission, Portland, Oregon	4	
Panama Canal Commission, Washington, D. C.		1
Panama Pacific International Exposition		1
Panama- Pacific Managers for Massachusetts, Board of,	1	3
Paris Chamber of Commerce, Paris, France		10
Parker, Sir Gilbert, London, Eng.	5	1
Paull, Florence E., New Bedford	3 Broadsides	
Peabody Institute, Baltimore, Md.		1
Pennsylvania Institution for the Instruction of the Blind, Philadelphia, Pa.		1
Pennsylvania Prison Society, Philadelphia, Pa		2
Pennsylvania Railroad System, Philadelphia, Pa		2
Perkins Institution for the Blind, Watertown, Mass.		2
Philadelphia, Pa., City of		2
Phillips Exeter Academy, Exeter, N. H.		4
Playground and Recreation Association of America, New York, N. Y.		1
Plymouth County, Massachusetts		1
Pollit, E. C., New Bedford	Periodical	
Portland Chamber of Commerce, Portland ,Oregon		1
Pratt Institute, Brooklyn, N. Y.		4
Prescott, Mrs. Henry D., New Bedford	5	
Prescott, Oliver, Jr., New Bedford	Set Periodical	
Prince, Morton, Boston	2	3
Princeton Theological Seminary, Princeton, N. J.		2
Princeton University, Princeton, N. J.	1	
Pringle Publishing Co., Chicago, Ill.	1	
Prohibition National Committee, Chicago, Ill.	1	
Providence, R. I., City of	1	

Publishers or Institutions issuing the following publications:

Advocate of Peace, Washington, D. C.
A Alvorada, New Bedford.
Ambition, Scranton, Pa.
Americas, The, New York, N. Y.
O Arauto, Oakland, Cal.
Autumn Leaves, Lamoni, Iowa.
Brown Alumni Monthly, Providence, R. I.
Canal Record, Balboa Heights, Canal Zone, Isthmus of Panama
Chase Chronicle, The, Boston.
Chicago Banker, The, Chicago, Ill.

Child Labor Bulletin, The, New York, N. Y.
Christian Science Journal, Boston.
Christian Science Sentinel, Boston.
Church Militant, Boston.
City of Lexington, The, Lexington, Ky.
City Plan, Boston.
Concerning Municipal Ownership, New York, N. Y.
Concrete, Cement Age, Detroit, Mich.
Crockery and Glass Journal, New York, N. Y.
Deseret Evening News, Salt Lake City, Utah.
Dog Fancier, Battle Creek, Mich.
Eastern and Western Review, Boston.
Eternal Progress, Los Angeles, Cal.
Facts About Sugar, New York, N. Y.
General Electric Review, Schenactady, N. Y.
Good Goverment, New York, N. Y.
Gospel Trumpet, Anderson, Ind.
Gregg Writer, Chicago, Ill.
Grinnell Review, Grinnell, Iowa.
Health and Temperace, Washington, D. C.
Holy Cross Purple, Worcester.
Independent, Kansas City, Mo.
International Crop Report and Agricultural Statistics, Rome.
Johns Hopkins University Circular, Baltimore, Md.
Journal of Zoophily, Philadelphia, Pa.
Labor Digest, Minneapolis, Minn.
Manchester Unity, I. O. O. F. Bulletin, New Bedford.
Matilda Ziegler Magazine for the Blind, New York, N. Y.
Mill Supplies, Chicago, Ill.
Monthly Bulletin of the American Iron and Steel Institute, New York, N. Y.
New Church League Journal, Chicago Ill.
North Queensland Register, Townsville, Australia.
Nurse, The, Jamestown, N. Y.
Onward, Lynn.
Our Four Footed Friends, Boston.
Owl, The, Kewanee, Wis.
Primitive Methodist Journal, Fall River.
Proceedings of the National Academy of Sciences, Washington, D. C.
Protestant Magazine, Washington, D. C.
Providence Magazine, Providence, R. I.
Record, The, New York, N. Y.

Script, The, Los Angeles.
Sea Breeze, Boston.
Short Ballot Bulletin, New York, N. Y.
Signs of the Times, Cincinnati, Ohio.
Socialist, The, Fitchburg and Boston.
Stenotypist, Indianapolis, Ind.
Textile Manufacturers Journal, New York, N. Y.
Transactions, Royal Society of Canada, Ottawa, Canada.
Tuskeegee Student, Tuskeegee, Ala.
Two States, Boston.
A Uniao Portuguesa, Oakland, Cal.
Union Signal, Evanstown, Ill.
Universalist Leader, Boston.
Vedanta Monthly, Boston.
Volunteer's Gazette, New York N. Y.
World Blind, St. Louis, Mo
Wort, Das, St, Louis, Mo.

Railroad Commission of California, San Francisco, Cal.	1	
Railroad Presidents, Committee of		1
Rensselaer Polytechnic Institute, Troy, N. Y.	1	
Reynolds, George, New Bedford		1
Rhode Island Historical Society, Providence, R. I.		2
Rhode Island Hospital Trust Co. ,Providence, R. I.	1	
Rhode Island School of Design, Providence, R. I.		5
Richards, Lysander S., Marshfield Hills, Mass.	1	
Richmond Journal Co., Richmond, Va.	1	
Rockefeller Foundation, New York, N. Y.	1	
Rockefeller Sanitary Commission, Washington, D. C.		1
Rosenberger, J. L., Chicago, Ill.		1
Ross, Worth Gwynn, Capt., New Bedford	1	
St. Lukes' Hospital, New Bedford		1
Seabury, Mary, B. New Bedford	1	
Sells Ltd., London. Eng.	1	
Shaw, Mrs. Franklin, New Bedford	Periodical	
Simmons College, Boston	1	
Simms, Capt. Joseph M., New Bedford	Atlas 6	
Singer Sewing Machine Co., New York, N. Y.		1
Sinnet, Rev. Charles M., Washta, Iowa		1
Smith, Edgar F., Philadelphia, Pa.	1	
Smith, Llewellyn Tarbox, Boston		1
Smoke Abatement League, Cincinnati, O		1
Soldiers' Home in Massachusetts, Chelsea, Mass.		1

Spokane, Wash.; City of		1
State Charities Aid Association of New York, New York, N.Y.		1
Stechert, G. E. & Co., New York, N. Y.		1
Stilke, Georg, Berlin, Germany		2
Storer, Miss A. C., Newport, R. I.		1
Sturgis, Roger F., Boston	1	
Swain Free School of Design, New Bedford		1
Synfleur Scientific Laboratories, Monticello, N. Y.		1
Teacher's College, Columbia University, New York, N. Y.		1
Teachers Institute of the Hebrew Union College Cincinnati, O.		1
Testimony Publishing Co., Chicago, Ill.		1
Thurston, Lorrin A.		1
Tillinghast, Mrs. Ada W., New Bedford, Satuette		
Trinity Church Men's Committee, New York, N. Y.		1
Tripp, George H., Fairhaven		1
Trustees of Public Reservations, Boston		1
Tucker, Jesse R., No. Dartmouth, Mass. Old Newspaper		
Tufts College, Boston	1	1
United No License Committee, Fairhaven Periodical		

United States Government—(Publications of the following departments, most of which were received from the Superintendent of Documents)—Pamphlets and leaflets grouped:

Agriculture, Department of	7	588
Civil Service Commission	1	27
Commerce Department	34	630
Commision on Industrial Relations	1	2
Congress of United States	81	3
Court of Claims	1	
District of Columbia	5	1
Federal Reserve Board	2	3
Federal Trade Commission		1
Government Printing Office	2	36
Interior Department Atlas folios and maps	40	258
Interstate Commerce Commission Chart	9	50
Justice Department	2	1
Labor Department	11	42
Library of Congress	13	193
National Academy of Sciences	4	
Navy Department	18	12
Pan-American Union	2	

Post Office Department	2	
Smithsonian Institution	11	21
State Department	6	3
Superintendent of Documents		15
Treasury Department	12	88
War Department	21	20
United States Brewers' Association, New York, N. Y.	1	
United States Steel Corporation, New York N. Y.		1
University of Chicago, Chicago, Ill.	2	4
University of Cincinnati, Cincinnati, O.		6
University of Illinois, Urbana, Ill.	2	
University of Nebraska, Lincoln, Neb.		22
University of North Dakota, University, N. D.	1	
University of Pennsylvania, Philadelphia, Pa	1	
University of Pittsburgh, Pittsburgh, Pa.		1
University of Texas, Austin, Texas		16
University of Washington, Seattle, Wash.	1	
Untermyer, Samuel, New York, N. Y.		1
Venn, Theodore J., Chicago, Ill.		1
Vocation Bureau, Boston		1
Wait, William B., New York, N. Y.		4
Walker, Mrs. Mary W., New Bedford	1	
Warbasse, James P., M. D., Brooklyn, N. Y.		3
Ward, John and Son, New York, N. Y.		1
Washburn- Crosby Co., Minneapolis. Minn.		1
Washington Herald, Washington, D. C. Newspaper		
Wasson, Rev. E. A , Newark, N. J.	1	
Waterman, William H., New Bedford Periodical		1
Waxweiler, Emile, New York, N. Y.	1	
Wellesley College, Wellesley, Mass.		1
Wells, Frederick Howard		
Frank Richardson Wells		
Bertha Wells Jackson, Burlington, Vt.	1	
Wentworth Institute, Boston		1
Welseyan University, Middletown, Conn.		4
West Publishing Co , St. Paul, Minn.	2	1
Western Theological Seminary, Chicago, Ill.	1	
Westinghouse Department of Publicity, East Pittsburgh, Pa.	1	
Weston Electrical Instrument Co., Newark. N J.		3
Westport, Mass., Town of		1
Whitehead, Russell F., New York ,N. Y.		3
Whitridge, F W., New York, N. Y.	1	

Williams College, Williamstown, Mass.	2	3
Wing, William Arthur, New Bedford. . Genealogical Material		
Winslow, George F., M. D., New Bedford	1	
Women's Anti- Suffrage Association of Massachusetts, Boston		1
Worcester County, Massachusetts		1
Worcester Polytechnic Institute, Worcester, Mass	1	1
World Peace Foundation, Boston		27
Yale University, New Haven, Conn.	1	4
Zerbone, Antonio, New Bedford. . . . . Periodical		

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

February 25, 1916.

Received. Placed on file; ordered printed in the City Documents, and sent down for concurrence.

W. H. B. REMINGTON,

City Clerk.

IN COMMON COUNCIL,

February 25, 1916.

Concurred.

CHARLES P. SAWYER,

Clerk.

TWENTY-SECOND ANNUAL REPORT

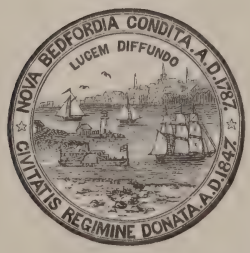
OF THE

Department of Parks

OF THE

CITY OF NEW BEDFORD
MASSACHUSETTS

For the Year ending December 31, 1915



NEW BEDFORD
THE A. E. COFFIN PRESS, PRINTERS
1916

DUCK POND — BROOKLAWN PARK

BOARD OF PARK COMMISSIONERS.

1914—1915.

SAMUEL P. RICHMOND,
WILLIAM F. CASWELL,
ANTONE L. SYLVIA,
GEORGE H. HEDGE,
WILLIAM KEITH.

OFFICERS.

SAMUEL P. RICHMOND, Chairman,
WILLIAM F. CASWELL, Secretary,
THOMAS W. COOK, General Superintendent.

CONSULTING ENGINEER.

GEORGE H. NYE, City Engineer.

DEPARTMENT OF PUBLIC PARKS.

COMMISSIONERS' REPORT FOR 1915.

To His Honor the Mayor and the City Council of New Bedford:

In accordance with the Revised Laws of the Commonwealth of Massachusetts, 1902, Chapter 28, Section 13, the title "Public Parks, Playgrounds, and Public Domain" the Park Commissioners of the City of New Bedford, respectfully submit their Annual Report.

BROOKLAWN PARK

City of New Bedford.

Office of Board of Park Commissioners.

December 1, 1915.

To His Honor the Mayor and the City Council of New Bedford:

GENTLEMEN!—We have the honor in accordance with the requirements of the law and with the usual custom, of submitting to you the Annual Report of the Park Commissioners in relation to the maintenance, conditions, and requirements of the Department for the year 1915.

The financial report presents the condition of our resources as follows:—

Appropriation by the City Council $30,000, leaving a balance of $39.15. Of this amount $20,692.05 was expended for labor, and $9,268.80 for materials in maintenance of the parks. The work, care, and maintenance of the parks has been much the same as in former years, but little new work has been accomplished, yet the general condition of the parks show an annual improvement and with an appropriation commensurate with the necessities and requirements of the people who visit the parks and expect to find what the present up-to-date conditions of public parks should be, our City could well invite criticism. The appropriation of $30,000.00 being the income of the Park Com-

mission, the public will readily understand the impossibility of making any great improvements, but can only maintain and keep in order that which they already have. The expenditures for improvements in proportion to the amount expended for maintenance is small and must continue to be so until larger amounts are allowed by the City Council for park purposes. Already our parks have done a surprising amount of practical work for the amusement and recreation of the public and are only waiting for the opportunity to do more and greater things and we can urge truthfully and with all our energy the benefit that would arise if the department had some comprehensive plan for the development of the future park system, under some such system this department would work with pleasure and satisfaction and the people would realize more conclusively the advantages they were receiving for their money and the greater practical results that would be sure to be evident from such a course. In the park department the growth and prosperity of the City is evident as much or more than any other department, and therefore we feel we can justly appeal to the City Council for adequate appropriations, and they fully realize the conditions under which we work to maintain and improve the parks entrusted to our care.

Among the most urgent needs and to which immediate attention should be given is a Shelter and Comfort building at Buttonwood Park containing toilet facilities, designed in a park like manner, with all modern conveniences.

The park and the portions of other parks set apart for games and athletic sports, have been in continual use during the season, and the efforts of the Board to answer all the demands satisfactory by accommodating all the clubs, and organizations wanting baseball diamonds, tennis courts, and space and room for other games and recreations, accommodations were insufficient to satisfactory answer all the requests made to them.

The laying of Brownell avenue on the west of Buttonwood Park would be a great reason for opening up for development the large tract of land west of the park. It will not be long before this entire section, which is now unimproved woodland, will be built up making a very desirable residential part of the City, therefore, it would seem good to complete the avenue, as it would improve the park and place within reach of people who would build at once and make a most desirable part of the City to live in. Small areas for park purposes should be provided and maintained in all the manufacturing parts of our City, so that the workmen may not after their day's work is over, be obliged to travel a long distance to reach a large park to enjoy the outdoor, health-giving, rest and recreation, which they are deprived of, by nature of their employment. After being shut up in a factory all day, they have no time or inclination to travel far to find that opportunity, but with small areas provided with seats or athletic apparatus in different parts of the City, they could find enjoyment there, rather than seeking it in places less conducive to the welfare of the city, their families or themselves.

Among the many things that unquestionably are greatly to be desired especially by the younger portion of our community and we might add a considerable part of the older ones, is an addition of a considerable number of baseball diamonds, and tennis courts. The desire to play is so great and the demands for diamonds and courts so numerous and persistent that all sorts of rules and regulations are devised by the Commissioners to the exigencies, and the Board most earnestly hope that the time is not far distant when the arrangement of Buttonwood Park, laid out by Mr. Williams, Engineer, can be accomplished and the same might be said in a degree of Brooklawn Park, both parks having splendid vacant lots of which almost perfection might be attained.

PLANS BY WM. F. WILLIAMS.

CHAIRMAN AND BOARD OF PARK COMMISSIONERS, CITY OF NEW BEDFORD.

GENTLEMEN:—At your request I have made a careful survey of the large recreation ground at Buttonwood Park and prepared the accompanying plan for draining and grading the same. I also submit for your consideration the following explanation of the plan and an estimate of the cost of performing the work required by the plan.

The area of the recreation ground as shown by the plan is 463,000 square feet or 10 acres and 100 rods. This includes all of the cleared land south of Court street and west of Rockdale avenue to the grove of pine trees. At present the general surface of this ground slopes to the south and west at a fairly uniform grade. The north and east half, being the highest, is comparatively dry during the summer months. The south and west portion of the field is wet and spongy during most of the year. There are also a great many small inequalities in the present surface that are very objectionable in a field for playing football, baseball, or tennis. The southern portion of the field has been recently cultivated and is not only quite rough but has little or no grass. The top soil of the entire field is rather shallow and the greater part underlain by a hard bed of fine sand and clay which is practically im-

BOATING — BUTTONWOOD PARK

pervious to the passage of water. As a result there is no natural under-drainage and the surface water is retained in the top soil until it dries out by evaporation. The field should first be thoroughly under-drained by constructing drains of porous land tile about 3 to 3½ feet below the finished surface of the ground. The location and size of these drains is shown on the plan. The general direction of the flow of this underground drainage will be southerly to a collecting drain running easterly in Arnold street to a brook which now crosses that street about 450 feet east of the park. The fall is sufficient to secure a good flow, and whenever the Grape street sewer is extended to this point the drain can be entered into it.

In estimating the cost of draining this field I have assumed that the work will be done by local labor without particular experience in laying tiles. I have no doubt, however, but what the work can be done by experienced tile layers for very much less than my estimate.

After the field is under-drained it should be graded to a uniform and smooth surface, sloping gradually to the south and crowning slightly from east to west, as shown by the red contour lines on the plan which fix the grade of the finished surface. This will require filling the low ground of the west half of the field, cutting off some of the high ground on the east and north portions of the field to secure the material. The cuts and fills have been carefully calculated to balance each other. If, however, good soil can be bought at a reasonable price I should prefer to reduce the amount of cutting on the high ground

and increase the filling on the low sections, to avoid removing so much of the good soil on the high land.

After the surface of the field has been brought approximately to the new grade a heavy coat of stable dressing should be spaded in, the surface carefully raked to the true cross section, all stones removed, and then sowed with grass seed and rolled.

The work of draining and grading this field can be carried on without interfering with the present use of the north part of the same and grading the south half of the field one year and the north half the next.

This will enable the new grass to get well started before the field is put into use, and it is the only method by which a smooth surface and a good sward can be secured.

This field will make a splendid recreation ground and when completed it will afford ample room to lay out four football fields or four baseball fields, or two of each, besides a number of tennis courts.

ESTIMATED COST.

Under drainage	$3,150.00
Grading	3,500.00
Top dressing	500.00
Seeding	500.00
Total	$7,650.00

Respectfully submitted,

WILLIAM F. WILLIAMS, City Engineer.

In the construction of baseball diamonds and tennis courts, the need of them as growing requirements for the pleasure and recreation of all communities where public parks are maintained cannot be gainsaid.

We have a most desirable city for all purposes, of a delightful residence, or a superior one for all manufacturing projects, and its parks today assist in making it a judicious investment for people to purchase and improve their property not only in proximity to the parks but throughout the City, therefore, there is seemingly great necessity that all the parks should be as rapidly improved as the financial condition of our city will allow.

The playground apparatus of the different parks has been found by experience to be used by the greatest number of children during the afternoon and early evening. The merry-go-round erected at the suggestion of Mr. Wirth, Superintendent of Parks, of Minneapolis, has proved to be a great entertainer for the children. It consists of a circular platform some twelve feet in diameter, the outer edge being used as a seat, and is provided with a platform by means of which the children can get on or off safely even when it is in motion. This platform rests upon ball bearings so that the slightest effort puts it in motion and enables it to run a long time, no motive power is required except that furnished by the children. We are in hopes that they can be installed in all the parks as soon as possible as they surely are a great contrivance for the pleasure of the little ones. The swings for the

smaller children have been a very pleasing source of amusement.

Requests for permission to use the ball grounds were during the season, being constantly received by various organizations who desired to play matched games on Saturday afternoons. The requests were granted when the use of the grounds had not been previously furnished to other parties. Every Saturday for several months when the weather was suitable some kind of games were being played, and at many of the games the attendance amounted to several thousands.

The subject of bathing, wading-pools, and water sports, has long occupied the attention of the Park Commissioners for it seemed that the splendid shore of Hazelwood Park would certainly offer ideal opportunities for the construction of bath houses and all the necessary requirements for superior accommodations, and facilities for safe and delightful bathing and swimming, would meet with the approval of a large majority of the visitors to this beautiful park and shore. The Commissioners are glad to learn that the City Council has taken the matter in hand. Committees of the government have been appointed to consider the matter and if considered feasible construct a modern bath house to answer satisfactory all the requirements of such an edifice, and they have sought the approval of the Legislature for permission to take land from the park for that purpose and the prospect is that another year may see the swimming problem solved

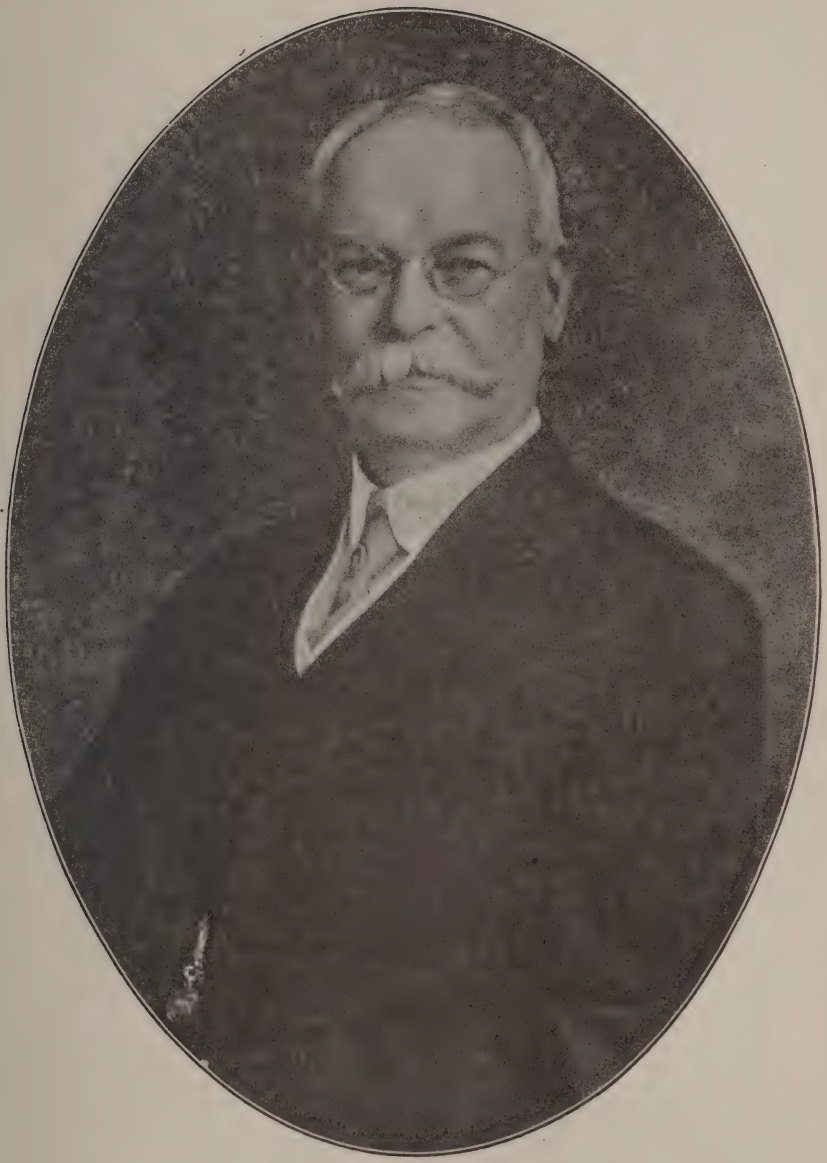
to the infinite delight of thousands of people who delight in salt-water sports.

We might go on extolling our parks and what they are capable of becoming, but what is most desirable now, is the financial ability to transform the incomplete and unattractive portions of them into complete park attractiveness. Although our city has certainly received a rapid growth, it does not follow that we should acquire an extension of park acres for when it becomes imperative to enlarge our park area, it will be so apparent that our citizens will readily acquiesce to the necessary expenditure.

The condition of parks has to some extent improved annually, some of them more than others.

A gratifying increase in the attendance at all the parks has from year to year been very noticeable, and it is apparent that the people are well satisfied with their park possessions and their management. Picnicing, baseball, tennis, and quoits ,have been great attractions. The facilities for them should be enlarged and increased as the demands for them are annually increasing. Sunday afternoon concerts should be added to the attractions as when they were provided, they were well attended and enjoyed by thousands of people. A nearer street car approach to Buttonwood Park is greatly to be desired, though it does not prevent its use, it would greatly increase it.

The sad and unwelcome news of the death of Mr. George D. Barnard of St. Louis, Mo., who claimed New Bedford as his birthplace and whose youth and early manhood was passed in our midst and who commemorated the event by presenting to the city a beautiful monument representing the whaling industry to which our city owes so much of its success and progress, was received early in the summer, and it is with sorrow and regret that we have to chronicle the same in this report, for our City has certainly lost a devoted friend and a character whom New Bedford is proud to claim as a product of our City. In connection with this allusion to Mr. Barnard, we present from one of the daily papers the story of his life, and in the future as the mutlitudes of people who visit Buttonwood Park as they pass and gaze upon the beautiful monument, the name of the generous donor, George D. Barnard, will be active in their thoughts.



MR. GEORGE D. BARNARD

MR. GEORGE D. BARNARD.

George D. Barnard of St. Louis, a native of New Bedford and the donor of the $50,000 monument at Buttonwood Park to commemorate New Bedford's development from a whaling town into the great manufacturing city it is today, died at his home yesterday from tuberculosis of the bladder. Mr. Barnard was 69 years old.

Mr. Barnard was born in this city in 1846. He spent his boyhood here and attended the public schools. He was employed in Parson's bindery on Union Street. Shortly after the Civil War ended he went west, and there rapidly rose to be head of the firm of George D. Barnard & Co., manufacturing stationers. In 1908 he founded the St. Louis Skin and Cancer Hospital, to which he gave $200,000. He was one of the original committee of 200 in charge of the world's fair in St. Louis and was a former president of the Merchants' exchange of St. Louis. He was also interested in other St. Louis enterprises. In 1874 he married Mary L. Tindall of Alton, Ill. There are no children.

Mr. Barnard visited New Bedford last September when the monument at Buttonwood was dedicated.

Years before the government took upon its shoulders the enormous duty of collecting the mails, Mr. Barnard found it his duty each morning, as an employee of the New Bedford post-office, to collect the mail from several

boxes fixed in establishments about the center of the city. He was 14 years of age at the time and his office hours began at 6 o'clock in the morning in the sorting of mail. On the occasion of his visit here Mr. Barnard recalled the post-office incident as he was passing the corner of Middle and Pleasant Streets, and it was in a store at the corner that one of the boxes was located by Mr. Chapman, who was then postmaster.

"When I was a boy in the early 60's, there was a drug store over on that corner," said Mr. Barnard, indicating the northwest corner with a sweep of the hand. "Mr. Chapman was postmaster at the time, and he placed locked wooden boxes in that store, the Parker House, and one or two other places about town. On my way to the office each morning at 6 o'clock it was my duty to unlock the store and remove the mail, which I carried to the office to sort a few minutes later. This was years before the government took over the collecting of mails, so that whatever expense was involved in the system was defrayed by Mr. Chapman.

"Mr. Chapman provided me with a leather bag which I believe was identical with the leather bags now used by the letter carriers. At that time there were probably half a dozen employes at the office. For my work I received four dollars a week.

"Previous to and following my employment at the postoffice I worked for a stationer named Parsons, who had an establishment on Union street. Here was the place where I got a start in the business which I was to follow as a life undertaking, that of a stationer.

"My schooling was at the William street, Maxfield street, Bush street and later the Fifth street schools. At the William street school, Miss Avery was head teacher and here I remember well the time when I pushed my seatmate, Robert W. Taber, into the aisle, and got 'licked' for it. Mr. Hutchinson, father of the stationer, was principal of the Fifth Street School from which I graduated fifty-three years ago this coming November, to enter High School.

"I do not know whether it is a custom now, but in those days, as a newspaper carrier, I went to the depot every night to get the Boston papers. I had a regular route and many prominent people were among my customers. One of them was the Hon. Thomas Dawes Eliot, congressman from this district. Later, when I left New Bedford and finally settled in St. Louis, one of the first men that I met was Rev. William C. Eliot, brother of Congressman Eliot and pastor of the Unitarian Church.

"The City of New Bedford is honored with the fact that it was one of her native citizens who founded the free school system of the City of St. Louis. Rev. Eliot went from New Bedford to St. Louis when a young man and taught a class in the basement of his church, comprising the children of members of his congregation. Later he taught the children of others, and still later he made a visit through New England soliciting funds with which he was enabled to employ a teacher in Boston to accompany him to St. Louis to take over his duties in the school. The City then contributed and finally took over the school as one of its departments."

Mr. Barnard said during his visit here that, although he has traveled extensively, particularly throughout the west, he had not seen any cities that have done better than New Bedford. He spoke of the comfortable home conditions in which he had found many of his acquaintances. He pointed out that there were a large number of buildings on Purchase Street that were standing when he was a boy and spoke of the street widening operations as "tremendous," but that the residents of the city would appreciate in years to come.

Determined to make a mark in that stationery business, young Barnard left this City for New York and later changed from New York to Chicago, where he entered the same business. From both New York and Chicago, he went on the road as salesman, although but 18 years of age. At the time of the Chicago fire, he was sent from Chicago to St. Louis to take charge of a branch establishment of the firm. This was in 1871, and since then he had been in business there.

The name of George D. Barnard was one that was widely known, far beyond prescribed craft lines, and was everywhere respected. Through business tact, in its moral application, and the observance of stern principles, Mr. Barnard has long been a successful man commercially, and by the inheritance and cultivation of higher ideals, he had always been socially prominent.

BARNARD MONUMENT — BUTTONWOOD PARK

The area of the City's Parks is as follows:

Buttonwood Park,	94 acres	75.02 sq. rds.
Brooklawn Park,	88 acres	82.45 sq. rds.
Hazelwood Park,	23 acres	8.39 sq. rds.
Water Front,	1 acre	121.94 sq. rds.
Ashley Park,	4 acres	51.39 sq. rds.
Common,	7 acres	32.00 sq. rds.
Bridge Approach,	1 acre	13.86 sq. rds.
Grove Park,		149.54 sq. rds.
Triangle Park,		25.87 sq. rds.
	221 acres	80.46 sq. rds.

Respectfully submitted,

SAMUEL P. RICHMOND, Chairman.
WILLIAM F. CASWELL, Secretary.
GEORGE H. HEDGE,
WILLIAM KEITH,
ANTONE L. SYLVIA.

BROOKLAWN PARK

SUPERINTENDENT'S REPORT.

December 1, 1915.

To the Board of Park Commissioners:—

Gentlemen:—As required by law, I herewith present for your consideration my general report of the management of the department of parks for the past year, and while I do not think it absolutely necessary to make a detailed report on the expenditure for each park separately, yet I have added a tabulated account giving the exact amount that was expended for each park for its maintenance the past year and the average cost per acre. It will not differ much from former years.

Baseball diamonds are maintained on all the parks, also tennis courts and other games allowed on the lawns where it could be done without badly damaging the grounds. Saturdays and holidays it is impossible to accommodate all who desire to engage in the sport of the games as there is not sufficient area. Football fields are laid out and goal-posts erected, and everything done to facilitate and promote the desire for clean, sane and respectable sport by the park visitors. The following rules and regulations are posted conspicuously about the baseball diamonds and fields and enforced by the officers of the parks.

BASE BALL — BROOKLAWN PARK

Rules Governing Baseball Games in Parks.

Teams on the ground ready to play at the alloted time, and who have received the proper permission, will be assigned their place. All parties wishing to engage the ball grounds in the parks must apply to the keeper of the park any time after 7 o'clock Monday morning for the use of the same the following week, and the diamond will be reserved one hour after the time scheduled for the game. If not occupied at that time, it will be assigned to any club that may be present. The park policeman will be in charge of the order of procedure and discipline of players and spectators.

Persistent wrangling between players or between players and umpire will be considered sufficient cause for instant dismissal from further use of the ball field.

Teams playing for a money stake or gambling on the game in any manner, will be refused the use of the ball field.

Advertising on uniforms or pennants or in any other way, will not be permitted. "Scrub" practice and games will be permitted without written permit, but must give way instantly to holders of a regular permit.

SKATING — BUTTONWOOD PARK

BUTTONWOOD PARK.

But little in the way of improvements has been done in this park during the past year. While there are a great many ways to improve and render it more attractive and desirable to the people, yet the times do not seem auspicious especially financially so. Closely allied to this subject is that of extending or opening for use Brownell Avenue from Kempton Street to Hawthorn Street, while the project is distinctly and entirely outside of the province of the Park Board and must be carried into execution if at all, by the City Council, nevertheless, the Commission is most heartily in favor of such improvements earnestly believing that the same will open up and develop a large amount of property which at present, is practically idle and non-productive, and at the same time afford a much needed thoroughfare for this large and growing section of the City, and present a frontage to the park that would greatly convenience a very large part of the community living in that section of the City, and considering it from a money point of view, it would be a wise and desirable operation for the City to undertake.

The labor expended upon this park was about the same and of similar nature as in former years. During the winter when the pond was in good condition thousands of people, old and young, enjoyed themselves indulging in the healthful exercises of skating and seemed to appreciate the arrangements made for their comfort and pleasure by the Park Board.

MERRY-GO-ROUND — BROOKLAWN PARK

The animal part of the park remains about the same with the exception of an addition of three black bears about fifteen months old, which by their antics have afforded great amusement for the children. This park continues to be a great favorite and the attendance increases in numbers annually.

Labor	$4,982.67
Maintenance	2,494.00
Total	$7,476.67
Average cost per acre	$79.54

BROOKLAWN PARK.

Nothing has been done the past year towards the improvement of the north side of the park which needs so much to put it into proper condition for use and respectable appearance. I would suggest as a plan for the improvement of that section of the park, along the north road side a double roadway, the north roadway to be used for a trafficway and the south roadway for park purposes or pleasure driving. The year has not been an eventful one, no unusual events have occurred, but in most respects the season was most gratifying. Parties from neighboring towns and cities visited the park in large numbers, which showed the popularity of the park

not only to our own citizens but visitors from out of the City. There are many improvements that the Board could and would be glad to recommend to the honorable City Council whenever the financial condition of our city will warrant it, as the Board is assured that the feelings of the City Fathers are in full sympathy with the Board and the citizens in having Brooklawn Park the most beautiful spot of the park system, easily accessible and full of pleasing opportunities.

We are called upon to allude to the death of Holden B. Remington, Assistant Superintendent of the Park, appointed by Mayor Parker, June 14, 1895. Mr. Remington's health had not been good for sometime and in August asked to be relieved from the responsibilities of the position. He continued in feeble health until November 15th, when he died, and so passed away a valuable member of our department, whose earnest and serious efforts in behalf of the park made it what it is, a valuable part of the department of parks.

Labor	$5,914.61
Maintenance	3,892.55
Total	$9,807.16
Average cost per acre	$111.45

SHORE — HAZELWOOD PARK

HAZELWOOD PARK.

This park is located between Brock Avenue on the east and French Avenue on the west. It contains twenty-eight acres and was purchased by the City and placed in charge of the Park Board, November 19th, 1901. It has proved a wise and profitable purchase for the City, wise, in that by its situation on the seashore, it gives to the people what no other park in the City can, an extensive marine and landscape view, and by its location and surroundings invites all lovers of the ocean-view an admirable opportunity to enjoy all that the river, harbor and bay can offer. This park has become a favorite place for picnic parties, Sunday schools, and organizations of many kinds from our own City and many of the towns nearby, who come and enjoy the day in an outing, surrounded by the best possible conditions for summer pleasure, and it must be, therefore, for the children, a health-giving recreation resort.

The park commissioners realize with pleasure that the constant increase in its patronage from year to year is evidence of its superiority as a public park. The health argument in favor of such a park is apparent and a powerful one and sufficient why the City should consider little else in providing such a place as this park.

Tennis courts are provided and the demand for them so urgent that the Board are strongly importuned for

more. Truly Hazelwood is a seashore resort, and capable of great results.

Labor	$1,892.46
Maintenance	263.82
Total	$2,156.28
Average cost per acre	$93.75

GROVE PARK.

As our City increases in population and therefore becomes more and more congested, the good results derived from parks and playgrounds are becoming more appreciated, and each succeeding year finds greater and more numerous demands to meet this increasing desire for more facilities, pleasure, and recreation afforded by the parks. Being located in a very thickly settled part of the City, it has proved to be a welcome and most desirable acquisition to the park system of our City and should be graded and equipped with the most up-to-date athletic apparatus for the pleasure and interest of the boys and girls as well as the older people.

More liberal appropriation should be allowed for installing playground apparatus on all the parks. At present only very limited amount of athletic apparatus is to be found on any of the parks, and while the demands for them are great the desire of constantly growing numbers of children who make playgrounds the mecca of their outdoor desires and ambitions, should be heeded. The present apparatus on this park is made of wood and has been in existence some twelve years, every year needing many repairs until it has become so dilapidated and dangerous that we are constantly in fear of accidents. An up-to-date modern steel equipment should be installed at once so that it would be available for use early in the spring. I can conceive of no more worthy, beneficial, good, or more conducive to the health and happiness of the multitude of children living in that portion of the City, than the complete renovation and provision for a perfect playground. The parents in that neighborhood are justified in insisting that it should be supplied for their children. At the request of the Park Commissioners, Mr. William F. Williams, Engineer, made a report to the Board as to the cost of putting in order and fitting this little park for a playground, as follows:—

GYMNASIUM — GROVE PARK

"Thomas W. Cook, Esq.,
Supt. of Parks.

Dear Sir:—In reply to your request for an estimate of the cost of curbing the Grove Park and grading same with loam, I beg to state that it will cost about $540.00 to curb the lot with curbing similar to that used by the City on its streets. I would suggest that the corners be rounded similar to the street curb corners.

I find from inspection of my contour plan of this park that the lot is a little below the grade of the sidewalk. I estimate, therefore, that it will require an average fill of one foot in depth to bring the lot to a uniform grade six inches above the present grade of the sidewalks. This will require about 1,500 cubic yards of material. To be safe I estimate that this will cost $1.00 per cubic yard or total of $1,500.00. This seems a very high figure, but I have no knowledge where you can get this material convenient to the park; in fact, you will probably have to buy it and cart it some distance, but if you know of any location you can get the material from, I can give you a more careful estimate of the probable cost. My estimate of total cost for curbing and grading this park will therefore be $2,040.00.

Very truly yours,

WILLIAM F. WILLIAMS,
City Engineer."

Labor	$524.25
Maintenance	254.09
Total	$778.34
Average cost per acre	$778.34

COMMON.

This piece of park property remains about the same as heretofore. It has been well maintained, and is in excellent condition. But the fact remains that in removing the flower beds some years ago, a great mistake was made and they should be replaced at once. The Common should be considered the public garden of the City and properly present a beautiful display of lawns, flower-beds, and shrubbery, with a view of making it more attractive than ever. It is a very important part of the park department, situated in a popular part of the City and surrounded by handsome residences, and a thoroughfare for thousands of people passing daily through it, and the throngs that occupy the seats when the weather permits.

These grounds could be made the peer of any in the Country, and I would recommend such a change and improvement as soon as possible, such a consideration of the possibilities of the Common, should be considered by the Board, and on account of its situation and surroundings render that vicinity as beautiful and attractive as it can well be. The shrub beds are in a very delapidated condition and should be made entirely new or material additions made to them.

The Greenhouse is too small for the work that is to be done and should be replaced on one of the larger parks by a more modern one. Though small and delapidated, it has provided about all the plants used on the several parks

COMMON

which before its construction were purchased in open market of the local florists.

It is to be hoped that the Common may be made to assume a somewhat better appearance the coming season, at least, some effort will be made to attain that end, but it will depend upon how well the City Council consider the wants and necessities of the department.

Labor	$4,034.89
Maintenance	1,505.98
Total	$5,540.87
Average cost per acre	$791.56

ASHLEY PARK.

The trees in this park as well as in the other parks have received proper attention during the past summer and winter, in the removal of dead wood, imperfect, and diseased portions, and careful pruning, and many portions of the park have been improved by relieving them of this crowded condition and poor and unsightly growths. Such as could be used for lumber was sawed into proper lengths, the limbs and dead wood being cut into firewood. The eastern part of the grounds was very low and some very large holes had to be filled which was done to a very large extent by the street department, thus relieving the burden of expense to the park department. Yet some time will elapse before the park can assume the shape and condition it should be, and such it is destined to be, for it is in a most desirable location to afford park desirabilities to the people living in that part of the City. Seats have been provided and they were occupied about all the time and many requests were made for more, but until improvements and the place is put in a little better condition, the present number is considered sufficient. The Commissioners would gladly avail themselves of the opportunity to place the little park in a condition satisfactory to the citizens in that section of the City.

BRIDGE APPROACH

BRIDGE PARK.

This little piece of park property in the very midst of a large and busy part of the city, is indeed a welcome place to all who by business or pleasure have occasion to visit it.

The many flowers and shrub beds maintained here are very much admired, and afford much pleasure to the large number of people who enter the city by way of the bridge. The grass always cut, trees and shrubs properly cared for, roadways neat and clean, is evidence of the devotion of the caretaker's pride in his efforts to have little Bridge Park receive the plaudits of the people.

Maintenance of the Park.

Labor	$803.25
Maintenance	83.10
Total	$886.35
Average cost per acre	$886.35

Respectfully submitted,

THOMAS W. COOK,

General Superintendent of Parks.

PICNIC SCENE — BROOKLAWN PARK

FINANCIAL REPORT.

New Bedford, Mass., December 1, 1915.

To the Board of Park Commissioners:—

GENTLEMEN:—The twenty-second annual financial report of the receipts and expenditures of the department of parks for the year ending November 30, 1915, which I now have the honor to submit contains in detail information regarding the finances of the department, including the receipts, expenses and disbursements of the park commission, and affords in this summary, which is given herewith, an opportunity for those who are interested in parks and their management, maintenance and improvement, a correct and defined explanation of all moneys provided by the taxpayers and expended by the Park Board for park purposes, not only for the past year, but the total amount charged to the department since the adoption of the park system, is comprehensively made apparent by this report and submitted to our citizens for their consideration.

STATEMENT OF PARK EXPENDITURES

Comparative Statement.

1892	77,936.87
1893	5,734.79
1894	24,458.95
1895	21,321.17
1896	10,054.26
1897	14,834.89
1898	20,620.70
1899	18,879.33
1900	20,581.53
1901	51,011.63
1902	43,503.17
1903	42,042.33
1904	44,999.25
1905	20,000.00
1906	15,040.78
1907	24,998.47
1908	24,995.56
1909	25,129.25
1910	33,034.19
1911	39,564.23
1912	48,517.24
1913	45,661.39
1914	42,133.09
1915	29,960.85
	$745,013.92

Itemized Statement.

Buttonwood Park	228,152.56
Brooklawn Park	221,378.68
Common	117,416.14
Marine Park	8,546.16
City Hall	615.25
Triangle Park	1,726.13
Grove Park	18,505.96
Pine Park	632.58
Hazelwood Park	86,960.67
Bridge Approach	10,911.50
Office	48,419.01
Ashley Park	1,749.28
	$745,013.92

FINANCIAL STATEMENT FOR THE YEAR.

Dr.

Buttonwood Park	$7,476.67	
Barnard Monument	859.26	$8,335.93
Brooklawn Park		9,807.16
Common		5,540.87
Hazelwood Park		2,156.28
Grove Park		778.34
Bridge Approach		886.35
Triangle Park		50.00
Office		3,265.18
Balance on hand		409.54
		$31,229.65

Cr.

Appropriation	$30,000.00
Special Appropriation (Balance from 1914)	862.93
Sale of Milk	88.89
Sale of rabbits and ducks	34.18
Rent; cafe privileges	175.00
Sale of oil barrels	5.40
"Revenue 1915" (Sewage disposal)	63.25
	$31,229.65

OFFICE EXPENSES AND MISCELLANEOUS.

Dr.

Superintendent and Clerk	$2,539.92
Telephone	90.61
Supplies	97.26
Auto Hire	12.50
Annual Report	273.86
Traveling Expenses	62.63
Typewriter	70.00
Miscellaneous	118.40
	$3,265.18

Cr.

Net Expenditures	$3,265.18

MAINTENANCE OF THE COMMON.

Dr.

Assistant Superintendent	$1,001.50
Police	1,059.75
Common Laborers	1,974.14
Rent	240.00
Lights	240.12
Seeds	129.73
Dressing	72.40
Water	489.23
Teaming	92.00
Repairs	89.15
Coal	63.70
Miscellaneous	89.65
	$5,540.87

Cr.

Net Expenditures	$5,540.87

MAINTENANCE OF HAZELWOOD PARK.

Dr.

Labor and Keeper	$1,892.46
Telephone	32.00
Teaming	75.25
Water	54.51
Repairs	37.06
Miscellaneous	65.00
	$2,156.28

Cr.

Net Expenditures	$2,156.28

MAINTENANCE OF TRIANGLE PARK.

Dr.

Labor	$50.00

Cr.

Net Expenditures	$50.00

MAINTENANCE OF GROVE PARK.

Dr.

Labor	$524.25
Teaming	5.50
Road Oil	45.35
Repairs	143.11
Water	7.20
Miscellaneous	52.93
	$778.34

Cr.

Net Expenditures	$778.34

MAINTENANCE OF BRIDGE APPROACH.

Dr.

Labor	$803.25
Plants and Shrubs	46.80
Water	10.00
Coal	6.84
Miscellaneous	19.46
	$886.35

Cr.

Net Expenditures	$886.35

MAINTENANCE BUTTONWOOD PARK.

Dr.

Keeper	$1,001.00
Police	958.20
Labor	3,023.47
Telephone	32.00
Lights	258.51
Animal Food	872.26
Teaming	159.00
Skating (cleaning pond)	60.75
Purchase of animals	157.25
Water	111.54
Repairs	321.37
Painting	15.80
Tennis Nets	18.75
Seeds	14.75
Coal	27.36
Lights around pond for skating	96.10
Wagon	45.00
Tools, etc.	48.23
Miscellaneous	255.33
	$7,476.67

Cr.

Net Expenditures	$7,476.67

BARNARD MONUMENT, $859.26.

Dr.

Lamp Posts	$538.04
Wiring, etc	52.28
Screenings	146.99
Miscellaneous Bills	65.70
Labor	56.25
	$859.26

Cr.

Net Expenditures	$859.26

MAINTENANCE OF BROOKLAWN PARK.

Dr.

Assitant Superintendent	$1,001.00
Police	1,933.89
Labor	2,979.72
Telephone	32.00
Lights	87.37
Teaming	125.13
Animal Food	620.84
Repairs	261.28
Water	704.25
Sewer	1,864.76
Coal	96.97
Miscellaneous	99.75
	$9,807.16

Cr.

Net Expenditures	$9,807.16

MONTHLY EXPENDITURES, MATERIALS, AND SUPPLIES.

1914.	December	$442.44
1915.	January	824.48
	February	2,363.47
	March	596.26
	April	952.16
	May	660.15
	June	836.35
	July	335.03
	August	317.60
	September	293.34
	October	862.50
	November	785.02
	Total	$9,268.80

PAY ROLL.

1914.		
December	1, 2, 3,	$966.52
1915.		
January	4, 5, 6, 7, 8,	1,682.76
February	9, 10, 11, 12,	1,184.87
March	13, 14, 15, 16,	1,255.72
April	17, 18, 19, 20,	1,601.80
May	21, 22, 23, 24, 25,	2,708.04
June	26, 27, 28, 29,	2,272.56
July	30, 31, 32, 33, 34,	2,282.43
August	35, 36, 37, 38,	1,776.59
September	39, 40, 41, 42,	1,628.12
October	43, 44, 45, 46, 47,	1,746.94
November	48, 49, 50, 51,	1,284.99
December	52,	300.71
		$20,692.05

Respectfully submitted,

THOMAS W. COOK,
Clerk.

PUBLIC GARDEN — COMMON

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,
March 9, 1916.

Received, ordered printed in the City Documents and sent down for concurrence.

W. H. B. REMINGTON,
City Clerk.

IN COMMON COUNCIL,
March 9, 1916.

Concurred.

CHARLES P. SAWYER,
Clerk.

ANNUAL REPORT

THE

CHIEF OF POLICE

OF THE

CITY OF NEW BEDFORD

For the Year Ending December 31, 1915.

NEW BEDFORD
THE A. E. COFFIN PRESS, PRINTERS
1916

CITY OF NEW BEDFORD.

In Board of Aldermen,
January 27, 1916.

Received, ordered printed in the City Documents and sent down for concurrence.

W. H. B. REMINGTON,
City Clerk.

In Common Council,
January 27, 1916.

Concurred.

LILY F. DARCY,
Clerk pro tem.

Annual Report.

New Bedford, Mass.,
January 10, 1916.

To His Honor, the Mayor, and the City Council of the City of New Bedford.

GENTLEMEN : — I have the honor to herewith submit the annual report of the conditions and doings of the Police Department for the year ending December 31, 1915.

This department consists of the following:

Chief,	1	Traffic Officers,	8
Deputy Chief,	1	Emergency Officers,	2
Captains,	3	Wagonmen,	3
Chief Inspector,	1	Chauffeurs,	5
Inspectors,	5	Housekeepers,	10
Lieutenants,	11	Matron,	1
Sergeants,	9	Janitors,	2
Patrolmen,	102	Laborer,	1

Number of arrests during the year, 3514.

	Arrests by months.	Males	Females.
January,	276	239	37
February,	256	225	31
March,	349	304	45
April,	270	237	33
May,	270	243	27
June,	308	279	29
July,	293	268	25
August,	335	298	37
September,	377	347	30
October,	285	248	37
November,	265	237	28
December,	230	209	21
	3514	3134	380

Americans,	1541	Minors,	401
Foreigners,	1973	Commitments,	593
Non-residents,	598	On Warrants,	901

NATIVITY OF PRISONERS.

United States,	1541	Germany,	14
Albania,	27	Greece,	24
Argentine,	1	Hawaiian Islands,	1
Assyria,	1	Holland,	1
Austria,	108	Ireland,	173
Australia,	2	Italy,	27
Azores Islands,	240	Madeira,	36
Belgium,	12	Norway,	5
Bermuda,	1	Poland,	64
Bohemia,	1	Portugal,	71
Brazil,	2	Russia,	89
British Provinces,	55	Scotland,	48
Canada,	397	South America,	1
Cape de Verde Islands,	121	Spain,	1
Chile,	1	St. Helena,	1
Cbina,	8	Sweden,	9
England,	390	Syria,	18
Finland,	6	Turkey,	1
France,	5	Wales,	3
		West Indies,	8

OFFENCES

Abandonment,	1
Adultery,	7
Arson,	2
Assault,	51
Assault, and battery,	163
Assault felonious,	6
Assault indecent,	1
Assault to rape,	2
Assault with weapon,	12
Assault on officer,	2
Attempt to utter a forged order,	1
Bastardy,	2
Begging,	1
Being present at gaming,	31
Bribery of voters,	2
Breaking and entering and larceny,	59
Breaking and entering and larceny, attempt,	3

Burglary,	1
Carrying a weapon,	19
Concealing leased property,	7
Concealing mortgaged property,	1
Conspiracy,	2
Contempt of Court,	28
Corrupt conduct,	1
Collecting junk without a license,	3
Cruelty to animals,	6
Delinquents,	133
Desertion,	19
Disturbing the peace,	167
Disturbing a religious worship,	1
Drunkenness,	1933
Enticing a female from home,	1
Forgery,	2
Fornication,	4
Fraudulent hiring an automobile,	1
Fraudulently obtaining a signature to a written instrument,	1
Gambling,	4
Gaming,	12
Having cocaine in possession unlawfully,	2
Having morphine in possession unlawfully,	1
Having false scales in possession,	1
Indecent exposure,	6
Idle and disorderly,	67
Injury to a shade tree,	1
Illegal practice of medicine,	1
Illegal use of a trade name and label,	1
Illegal sale of liquor,	4
Insane,	9
Interfering with officer,	3
Keeping common nuisance,	2
Keeping common nuisance and admitting minor to pool room,	1
Keeping disorderly house,	23
Keeping house of ill fame,	1
Keeping liquor nuisance,	2
Keeping liquor with intent to sell,	4
Keeping a gaming house,	2
Keeping an unlicensed dog,	2
Kidnapping,	1
Larceny,	167
Larceny from the person,	1

Larceny felonious,	2
Lewdness,	5
Lewd and lascivious cohabitation,	11
Lewd and lascivious behavior,	1
Maliciously breaking glass,	1
Malicious mischief,	1
Malicious injury to real property,	3
Manslaughter,	1
Murder, attempt,	1
Neglect of family,	150
Neglect of child,	14
Neglect of parent,	12
Neglected children,	28
Night Walking,	37
Open and gross lewdness,	2
Peddling without a license,	3
Printing and distributing obscene pictures,	1
Perjury,	2
Polygamy,	2
Rape,	18
Rape, attempt,	1
Receiving stolen goods,	11
Reckless driving,	1
Refusing and neglecting to remove combustible materials,	1
Robbery,	4
Sale of Mortgaged property,	2
School offender,	1
Selling a horse unfit for labor,	1
Stealing a ride,	4
Stubbornness,	2
Surrendered by probation officer,	16
Surrendered by bondsman,	1
Threats,	13
Trespass,	1
Unlawful use of milk bottles,	2
Unnatural act,	3
Vagabonds,	1
Vagrants,	23
Violation of the illegitimate children act,	33
Violation of the postal law,	1
Violation of the morphine law,	1
Violation of the Town Ordinances of Mattapoisett,	2
Violation of the motor vehicle laws,	61
Violation of the city ordinances,	14

Violation of the oleomargarine law,	1
Violation of the labor laws,	3
Violation of the health laws,	1
Violation of the milk laws,	2
Violation of the white slave laws,	2
Violation of the offence against chastity,	1
Violation of the food laws,	5
Violation of the drug laws,	1
Violation of the immigration laws,	1
Violation of the Regulation of Fireworks law,	2
Violation of parole,	2
Wilful injury to real property,	3
Wilfully injuring a building,	1
	3514

PRIMARY DISPOSITION OF CASES

Placed on file,	790
Sentenced to penal institutions,	659
Fined,	375
Continued,	625
Released by order of Court,	809
Bailed and defaulted,	13
Bailed to appear at Superior Court,	1
Bailed to appear out of Town,	17
Bonded to keep the peace,	8
Complaints dismissed,	17
Delivered to out town officers,	44
Delivered to keeper of jail,	2
Delivered to State Board Charity,	10
Delivered to Superior Court,	4
Insane Hospital,	8
Not guilty,	47
Probably guilty,	43
Probable cause not shown, and discharged,	1
Summons for out of town,	6
Nolle prossed,	35
Paid fines,	202
Appealed,	117
Sentence suspended,	286

MISCELLANEOUS BUSINESS

Accidents,	31
Amount of property stolen in the city,	$16,348.00
Amount of property recovered,	13,445.69
Ambulance calls,	1220
Animals impounded,	8
Bicycles found,	17
Buildings found open and secured,	600
Cases investigated,	30,275
Dangerous buildings reported,	9
Dangerous dogs reported,	10
Dangerous wires reported,	55
Dead bodies found,	4
Defective streets and sidewalks,	307
Defective hydrants,	3
Defective water pipes,	1
Disturbances suppressed,	998
Dog notices served,	10
Dogs killed,	44
Fire alarms given,	19
Fires extinguished without alarm,	43
Horses found cast,	13
Horses killed,	4
Hours of extra duty,	2347
Intoxicated persons helped home,	29
Liquor search warrants served,	6
Lost children found and returned,	449
Notices served,	358
Rescued from drowning,	2
Still fire alarms given,	1
Sick and injured persons assisted,	39
Street obstructions reported,	75
Street obstructions removed,	26
Stray teams picked up,	21
Stray teams put up,	12
Search warrants served,	4
Water running to waste,	5

INSPECTOR'S DEPARTMENT

Property recovered,	$9,253.67
Arrests,	343
Cases investigated,	3,657
Notices served,	339
Search warrants served,	4
Liquor search warrants served,	1

Respectfully submitted,

WALTER ALMOND,
Chief Inspector.

MATRON'S REPORT

Prisoners,	292
Lodgers,	5
Lost children,	9
Neglected children,	5
Insane,	4

Respectfully submitted,

MRS. SARAH M. BROWNELL,
Matron.

PERSONNEL OF THE FORCE.

CHIEF
Timothy C. Allen

DEPUTY CHIEF
John C. Parker.

CAPTAINS
Daniel Deneen
Harry D. Stow
Thomas J. Taft

CHIEF INSPECTOR
Walter Almond

INSPECTORS
George R. Lawrence
Albert E. Mosher
Benjamin Lamothe
Charles F. Smith
Frank W. Sylvia

LIEUTENANTS
Lemuel D. Adams
Charles L. McBay
Narcisse A. Breault
Jeremiah McCarthy
Edward P. Doherty
Samuel D. McLeod
Thomas Fay
William E. Roscoe
William Fowler
Willis C. Underwood
Joseph B. Wing

SERGEANTS
Edmund Foley
James W. Savage
Arod B. Holloway
George A. Sherman
James J. Moore
Chester L. Tripp
Frank L. Remington
Augustine F. Velho
William Welsh

POLICE MATRON
Sarah M. Brownell

PATROLMEN.

Patrolmen	Age	Years of Service
Ashley, Henry T.	39	11
Aillery, Constance	43	6
Allen, Charles E.	47	12
Almond, William Jr.	43	20
Barbour, Robert L.	38	6
Boehler, Max F.	31	2
Bolton, James E.	37	2
Breault, Joseph A.	41	2
Briggs, Myron S. A.	41	4
Brightman, Ellery E.	47	9
Brophy, Edward O.	30	4
Butts, Henry	31	8
Cash, James	42	4
Caswell, Charles A.	51	10
Chase, Raymond	40	4
Cleary, William E.	37	9
Cole, William T.	46	19
Craft, James F.	52	11
Crapo, Albert A.	38	11
Cushing, William S.	45	11
Daley, Charles F.	51	11
Dean, James	44	6
Doherty, Thomas	40	2
Downey, Daniel	46	10
Downey, John B.	30	2
Downey, William M.	39	4
Dupuis, Patrick H.	30	4
Dupuis, Wilfred H.	36	11
Durant, Lawrence J.	47	13
Earley, Edward C.	48	19
Ellis, Harry C.	40	9
Evans, John	39	4
Fanning, John F.	39	6
Fay, John H.	36	9
Fell, Charles	30	2
Fernandes, Joseph A.	29	4
Francis, Antone	36	2
Freitas, Manuel	37	6
Gatenby, James S.	43	6
Gibbs, Nathaniel F.	47	13
Glennon, William F.	43	8

Gorner, Arthur	32	2
Grant, George P.	39	8
Gregory, William	44	4
Hafford, Stephen, Jr.	58	16
Haggerty, Timothy F.	33	2
Haran, Luke T.	35	6
Haran, John F.	36	2
Harding, James P.	43	8
Harrington, Daniel	49	13
Hayden, Abram L.	43	11
Head, Edgar E.	38	8
Hickey, William B.	33	2
Horton, Eliphalet H.	51	11
Howland, William A. E.	48	19
Hynes, Edward A.	42	10
Irwin, Henry Jr.	45	6
Ivey, James A.	60	25
Jacobs, Ellsworth C.	40	4
Jenkins, Thomas J.	29	2
Johnson, Harry	38	6
Karcher, Frederick Jr.	55	13
Leahy, William T.	40	8
Lentz, Joseph A.	31	2
Lowther, George H.	57	19
MacKinstry, Albert B.	36	10
Manning, Joseph S.	36	8
McCarty, William H.	30	2
McCrohan, John H.	32	4
McDonald, Daniel J.	53	19
McEnnis, Robert B.	59	21
McGoff, James E.	39	4
McKay, John T.	33	6
Miller, John J.	41	8
Mitchell, William	36	8
Mullins, Enoch	48	6
Murdy, Robert H.	48	11
Murphy, Edward	33	4
Murphy, Francis A.	38	6
Murphy, Lawrence	41	2
Nault, Joseph	31	6
Nelson, Ivar V.	32	2
Oliver, John F.	51	22
Phinney, Charles E.	44	8
Pieraccini, Raphael	35	6
Place, Joseph A.	52	9

Pollock, John H.	29	2
Prifogle, Edward	38	4
Raymond, Edward	40	8
Raymond, Hiram E.	62	23
Rooks, Albert H.	49	15
Rooks, John C.	58	29
Sanders, Joseph A.	32	4
Searell, William E.	45	4
Souza, William H.	45	2
Spooner, John C.	42	13
Staples, Walter C.	43	2
Sullivan, James H.	51	15
Sullivan, Matthew	42	8
Sundin, Carl A.	36	6
Sweeney, Daniel P.	53	25
Sylvia, Antone F.	43	8
Taber, Jeremiah M.	58	20
Touchette, Hermes	38	8
White, Albert B.	36	8
Winterson, Henry B.	31	2
Wilcox, Seth A.	45	11
Williams, Benjamin F., Jr.	43	8
Williams, Charles H.	41	8
Wixon, James A.	75	44
Woolfenden, Albert	37	6

EMERGENCY OFFICERS

Kennedy, Patrick	81	31
Vogel, Robert F.	49	19

WAGONMEN

Murdy, Robert A.	48	11
Nickerson, Charles F.	42	15
Paige, George W.	69	34

CHAUFFEURS

Dalbec, Edmund	38	7
Meade, James	41	9
Patterson, Charles C.	37	8
Ryan, William M.	48	19
Turgeon, Joseph V.	32	6

HOUSEKEEPERS

Arnett, James W.	76	38
Astley, Thomas	50	9
Cannavan, Patrick	79	47
Dodds, James	62	23
Humphrey, Daniel J.	74	37
Kenney, Patrick	61	20
Meehan, Daniel	68	18
Smith, Andrew J.	72	22
Sullivan, Timothy	68	40
Wilson, Thomas H.	79	29

PENSIONED UNDER VETERAN ACT

Clough, George H.	68	18
Comstock, Thomas W.	72	38
Mason, Henry W.	76	18

MATRON

Brownell, Sarah M.

JANITORS

Allen, Charles G.	67	5
Drew, Moses	71	26

LABORER

Atwood, William	49	1

RESERVE POLICE

	Date of Appointment
Astley, Maurice	Feb. 11, 1915
Benoit, William R.	Dec. 24, 1913
Bourgeois, Albini	" " "
Brennan, Michael J.	Feb. 11, 1915
Burke, John E.	Feb. 10, 1910
Chausse, Onat A.	Jan. 17, 1912
Davies, John W.	Dec. 23, 1911
DeGrasse, Charles H.	Dec. 24, 1913
Dupuis, Bernard,	" " "
Downey, Stephen P.	Dec. 23, 1911
Fay, Miles L.	Dec. 23, 1909
Faunce, Albert M.	Jan. 17, 1912
Gobiel, Joseph	Dec. 24, 1913
Hawes, Harry C.	Feb. 11, 1915

Howes, Charles M.	Dec. 24, 1914
Kane, John	" " "
Kelley, Michael J.	" " "
Kinney, William E.	" " "
Kinney, John R.	" " "
Lemaire, Anthony C.	" " "
Marder, James	" " "
MacFarlin, Joseph A.	Feb. 11, 1915
McDonald, William F.	Feb. 10, 1910
McDonnell, James	Dec. 27, 1907
Mott, Cassius B.	Dec. 24, 1914
Muldonn, Thomas	" " "
Parkinson, John	" " "
Perry, Anthony E.	" " "
Ready, Michael J.	" " "
Seddon, Thomas Jr.	" " "
Stanley, Charles A.	" " "
Turgeon, Francois X.	Dec. 23, 1909
Vincent, Charles H.	Dec. 23, 1911
Walsh, John P.	Dec. 24, 1913
Walsh, William P.	" " "
Wooley, Thomas	Dec. 23, 1911

On September 13, 1915, Officer Edward Prifogle, was shot while in the discharge of his duties, by a man he was placing under arrest.

He was shot at four times, being hit each time, the bones of his left arm being badly shattered.

The plucky officer still clung to his prisoner until help arrived, when the prisoner was locked up and Officer Prifogle taken to the hospital.

He is still suffering from his wounds.

RETIRED ON HALF PAY

Henry W. Mason Thomas W. Comstock

George H. Clough

In Memoriam.

OSCAR F. ALDRICH, . - HOUSEKEEPER
Died March 24, 1915,
Age 66 years, 4 months, 21 days.

WASHINGTON A. ELDRIDGE, - HOUSEKEEPER
Died April 25, 1915,
Age 71 years, 11 months, 26 days.

ARTHUR H. JONES, - - - CAPTAIN
Died October 20, 1915,
Aged 61 years, 3 months, 26 days.

Respectfully submitted,

TIMOTHY C. ALLEN,
Chief of Police.

NEW BEDFORD ALMSHOUSE.

ANNUAL REPORT

OF THE

BOARD OF OVERSEERS OF THE POOR

OF THE

CITY OF NEW BEDFORD

For the Year 1915

MERCURY PUBLISHING COMPANY
NEW BEDFORD, MASS.
1916

MEMBERS OF THE BOARD.

1915.

ULRIC E. COLLETTE, Chairman.

CHARLES E. VAUGHAN,

ANTONIO A. FERNANDES.

OFFICERS OF THE BOARD.

1915.

ULRIC E. COLLETTE,
Chairman.

DOUGLAS L. McGEE,
Secretary and Almoner.

ANTONE H. SENNA,
Visitor and Portuguese Interpreter.

JOSEPH A. DESJARDINS,
Clerk and French Interpreter.

LUCY E. BROADBENT,
Stenographer.

M. CATHERINE ROGERS,
Clerk

ARTHUR L. BRUNELLE, M. D.,
Physician to the North District.

CLARENCE E. BURT, M. D.,
Physician to the South District.
From Dec. 1st, 1914, to Mar. 14th, 1915.

JOHN M. SALLES, M. D.,
Physician to the South District.
From Mar. 15th, 1915, to Mar. 23rd, 1915.

FRANK W. MATHEWSON, M. D.,
Physician to the South District,
Appointed Jan. 1st, 1916.

HARRY L. STEVENS, M. D.,
Physician to the Center District.

EDWARD T. TUCKER, M. D.,
Physician at the Almshouse.
Resigned Jan. 1, 1916.

LOUIS A. PERRAS, M. D.,
Physician to the South District.
From Mar. 22nd, 1915, to Dec. 31st, 1915.
Appointed Physician to the Almshouse Jan. 1, 1916.

THOMAS F. BROWN,
Superintendent of Almshouse.

KATHERINE E. BROWN,
Matron of Almshouse.

REV. CHARLES S. THURBER,
Chaplain of Almshouse.

Overseers of the Poor

CITY OF NEW BEDFORD.

OFFICE OF THE OVERSEERS OF THE POOR,
Municipal Building,
New Bedford, April 17th, 1916.

To His Honor the Mayor and City Council:

GENTLEMEN:—We, the Overseers of the Poor, herewith submit our annual report for the year ending Nov. 30th, 1915.

The principal reasons for the increased expenditures in this department over the previous year, were the general increase due to the continual growth of the city, and the business depression at the beginning of the year 1915, which was greater than it had been for a number of years previous, but later in the year the conditions improved and the result was that at the end of the year, conditions were about normal.

MOTHERS' AID LAW.

The continual increase in the number of applications for aid under Chapter 763, Acts of 1913, means that we have not yet reached the point whereby we could estimate in advance the amount to be spent for this aid.

While this law has been a great help to a number of widows and to mothers left to care for dependent children, it means a considerable increase to every Poor Department's expenses throughout the State.

ALMSHOUSE.

Conditions at the Almshouse are such that something will have to be done in the near future, to take care of the additional number of inmates, whom this board is called upon to care for, especially during the winter months. During this last winter, every sleeping apartment was filled to

its capacity, and beds had to be put even in the chapel in order to take care of all our inmates. While this board does not wish to recommend any definite plan, we do suggest that the City Property Committee and the Committee on Almshouse, Charities and the Poor, visit the Almshouse and see for themselves the needs of enlarging at least the sleeping quarters.

The Board of Overseers of the Poor will be pleased to confer with either of the above Committees relative to changes or improvements at the Almshouse.

The appended itemized tables under the several heads give full particulars as to the amount expended for each division.

Respectfully submitted,

ULRIC E. COLLETTE, Chairman.
CHARLES E. VAUGHAN,
ANTONIO A. FERNANDES,
Overseers of the Poor.

Douglas L. McGee,
Secretary and Almoner.

FINANCIAL STATEMENT.

DR.

To amount of appropriation,	$125,000.00
Received from State for support of paupers,	12,036.49
Received from State for aiding Mothers, under Chap. 763. Acts of 1913	5,798.00
Received from Cities and Towns	7,206.32
Received from individuals and societies	1,685.62
Received from sale of produce and stock	2,552.82
Received from Soldier's Relief	681.13
	$154,960.38

CR.

Months	Outside Relief	State Institu'ns	Cities and Towns	Almshouse	Totals
1914, December	$7,529.05	$486.00	$572.04	$3,747.90	$12,334.99
1915, January	9,461.52	71.20	268.00	3,461.96	13,262.68
February	10,349.04		339.27	3,618.43	14,306.74
March	10,668.10	880.06	23.77	4,001.41	15,573.34
April	9,375.27	25.00	24.29	3,111.37	12,535.93
May	8,400.36	210.28	177.68	3,036.37	11,824.69
June	8,488.33	78.87	293.89	3,597.22	12,458.31
July	7,743.77		47.39	2,830.18	10,621.34
August	8,058.80			3,233.44	11,292.24
September	7,686.17		158.63	3,071.40	10,916.20
October	8,598.00	285.15	17.37	3,099.01	11,999.53
November	8,923.06		1,160.41	3,310.61	13,394.08
Totals	$105,281.47	$2,036.56	$3,082.74	$40,119.30	$150,520.07

Unexpended balance $4,440.31

EXPENDITURE IN DETAIL FOR OUTSIDE RELIEF, DEC. 1914 TO DEC. 1915.

Monthly Audits	Pay Rolls	Groceries	Cash Orders	Salaries and Traveling Expenses	Physicians and Medicines	Burials	Boots, Shoes and Clothing	Transportation and Expressing	Horse Hire and Hacking	Office Expense and Furniture	Hospital Charges	Board Outside of Almshouse	Stationery and Printing	Milk	Miscellaneous	State Institutions	Cities and Towns	Fuel	Totals
1914 Dec.	$362.08	$3,499.50	$1,181.25	$85.79	$302.55	$358.00	$91.45	$22.50	$13.75	$36.97	$496.58	$49.79	$38.60	$7.35		$486.00	$572.04	$982.89	$8,587.09
1915 Jan.	370.72	4,454.40	1,372.50	75.89	478.92	146.00	117.59	37.50	17.50	32.21	739.35	130.50	67.73			71.20	268.00	1,420.71	9,800.72
Feb.	370.72	5,363.75	1,516.75	94.26	400.88	223.00	114.50	37.50	7.50	49.10	699.96		41.55				339.27	1,429,57	10,688.31
March	471.40	4,846.75	2,077.50	97.24	477.59	166.00	99.50	54.18	2.00	33.49	1,054.93	198.36	17.00			880.06	23.77	1,072.16	11,571.93
April	418.72	4,804.38	1,820.50	92.59	486.42	156.00	123.70	26.25	4.00	54.99	1,103.63	22.00	60.82			25.00	24.29	201,27	9,424.56
May	551.08	3,945.75	1,858.00	86.72	431.14	85.00	96.50	58.20	13.70	49.19	876.18	139.50	74.25			210.28	177.68	135.15	8,788.32
June	446.40	3,285.00	2,278.00	90.22	553.40	145.00	65.75	37.50	1.00	24.52	1,180.56	176.06	84.22			78.87	293.89	120.70	8,861.09
July	446.40	3,251.00	1,990.00	90.44	347.94	611.00	17.15	45.00	11.00	55.63	696.35	69.86	31.25		7.65		47.39	73.10	7,791.16
Aug.	558.00	3,242.25	1,887.50	107.10	415.05	162.00	35.25	54.20	4.00	42.21	1,336.37	83.77	15.25	19.35				96.50	8,058.80
Sept.	546.00	3,367.25	2,349.50	85.83	358.20	189.00	82.00	40.20	.50	20.81	385.88	115.94	30.86		2.00		158.63	112.20	7,844.80
Oct.	446.40	3,414.75	2,016.50	103.88	413.55	299.00	103.50	276.62		84.52	1,169.54	74.18	8.08	35.73	23.40	285.15	17.37	128.35	8,900.52
Nov.	558.00	3,521.05	2,439.00	91.40	377.72	181.00	83.25	139.00	11.05	29.63	712.63	141.99	46.50	2.70	18.40		1,160.41	569.74	10,083.47
Totals	5,545.92	46,995.83	22,787.00	1,101.36	5,043.36	2,721.00	1,030.14	828.65	86.00	513.27	10,451.96	1,201.95	516.11	65.13	51.45	2,036.56	3,082.74	6,342.34	110,400.77

EXPENDITURE AT ALMSHOUSE, DEC. 1914 TO DEC. 1915.

Months	Pay Rolls	Flour and Grain	Clothing and Dry Goods	Beef and Fish	Groceries	Shoes, Hats and Leather	Crockery and Furniture	Hardware	Fuel	Repairs on Premises	Carriage Repairs, Blacksmith	Supt. Labor and Nursing	Medicines	Oils, Paints and Soap	Dressing	Lighting and Telephone	Tobacco	Ice	Miscellaneous	Totals
1914 Dec.	$972.25	$231.85	$183.05	$499.30	$720.48	$41.40	$56.03	4.02	$382.97	$67.46	$17.49	$112 96	$96.82	$23.55		$57.24	$74.10		$206.93	$3,747.90
1915 Jan.	1,007.86	266.65	236.08	486.18	499.96	3.00	69.10	78.31	440.37	24.61	4.08	81.25	37.40	64.18	$19.83	53.08	45.17	$20.13	24.72	3,461.96
Feb.	1,010.72	185.85	159.46	479.02	509.48	16.20	76.65	33.78	441.60	55.04	18.40	120.00	173.71	91.45		45.28	46.55		155.24	3,618.43
Mar.	1,258.26	177.90	173.88	555.07	671.33		24.19	37.48	422.33	19.31	89.27	125.50	117.43	103.23		50.96	36.10		139.17	4,001.41
April	1,021.86	153.42	104.38	513.44	620.58	27.85	7.20	73.15	255.74	31.08	17.36	93.50	70.82		73.95	40.31			6.73	3,111,37
May	1,292.57	316.85	60.45	73.18	436.38	57.54	13.40	46.04	82.62	78.28	59.80	97.75	194.41	28.85		51.05	83.77	37.28	26.15	3,036.37
June	1,046.55	193.14	67.50	968.00	480.20	15.42	33.43	9.19	195.93	2.96	36.05	93.50	102.80			38.52	84.22	48.60	181.21	3,597.22
July	1,029.76	86.65	84.95	555.28	539.38	5.50	2.80	23.55	34.56	6.92	19.25	111.50	62.78	16.81		41.40	75.05	58.16	75.88	2,830.18
Aug.	926.16	249.90	31.25	568.24	495.26	11.02	37.00	18.23	257.72	64.10	30.40	97.75	140.44	162.96		17.93		60.43	64.55	3,233.44
Sept.	1,256.68	279.75	106.20	467.59	414.73	47.81	34.90	43.53	40.08	72.02	51.14	93.50	3.25	1.75		44.37	48.00	58.02	8.08	3,071.40
Oct.	1,005.00	198.25	66.32	512.11	393.95	5.25	8.91	15.29	238.20	48.12	37.34	97.75	89.40	97.35		45.33	38.00	45.77	156.67	3,099.01
Nov.	1,213.26	99.90	60.35	455.08	598.80	64.65	83.26	11.50	235.47	21.24	16.17	99.20	181.48	25.89		48.30	51.77	25.64	18.66	3,310.61
Totals	13,040.93	2,440,11	1,333.87	6,132.49	6,380.53	295.63	446.87	394.07	3,027.59	491,14	396.75	1,224.16	1,270.74	616.02	93.78	533.77	582.73	354.03	1,063.99	40,119.30

GENERAL STATISTICS.

Gross cost of persons outside of Almshouse,		$110,400.77
Gross expenses for Almshouse,		40,119.30
Receipts from other sources,		29,960.38
Amount paid persons in various cities and towns, chargeable to the city,		3,082.74
Number of cases in 1915,	2,113	
Number of cases settled New Bedford,	1,313	
Number of cases settled elsewhere,	188	
Number of cases State paupers,	612	
Number of persons in 1915,	6,838	
Number of persons settled New Bedford,	4,137	
Number of persons settled elsewhere,	721	
Number of persons State paupers,	1,980	
Average cost of each case, yearly,		52.25
Average cost of each person, yearly,		16.15
Number of persons sent to local hospitals,	396	
Total cost for hospital patients,		10,451.96
Average cost for each patient,		26.40

CHAPTER 763, ACTS OF 1913.

Number of families aided under Mothers' Aid Law,	99	
Total cost of aid under Chap. 763, Acts of 1913,		22,756.89
Average cost of aid to each family, yearly,		229.87
Average weekly allowance to each family, week ending Nov. 30th, 1915,		6.34
Number of widows helped under this law,	85	
Number of deserted women helped,	10	
Number of women with husbands in institutions	4	

BOARD OF HEALTH.

Number of histories procured and settlements determined by this office,	514

TRANSPORTATION.

Number of persons sent to State Institutions,	139

BURIALS.

Number of persons buried by this department,	278

PAUPERS AIDED ELSEWHERE,

But having settlement here, exclusive of the institutions. Cases 153,	3,082.74

ALMSHOUSE REGISTER.

For the year ending Nov. 30, 1915.

Month	Admitted	Discharged	Remaining
December,	26	23	203
January,	23	9	217
February,	23	23	217
March,	25	50	193
April,	27	34	186
May,	33	29	190
June,	34	24	200
July,	30	35	195
August,	28	25	198
September,	28	32	194
October,	31	27	198
November,	41	27	212
Totals,	349	338	2403

Number of inmates remaining Nov. 30, 1915,	200
Number admitted during the year,	349
Number discharged during year,	338
Number remaining Nov. 30, 1915,	211
Average number of inmates monthly,	200
Per capita cost of each inmate per week,	$3.85

PRODUCTS OF CITY FARM.

Potatoes,	1,542 bushels
Onions,	150 bushels
Turnips,	110 bushels
Carrots,	50 bushels
Tomatoes,	45 bushels
Parsnips,	60 bushels
String Beans,	20 bushels
Muskmelons,	80 bushels
Spinach,	60 bushels
Cabbage,	15,000 head
Lettuce,	700 heads
Peas,	75 bushels
Radishes,	50 doz. bunches
Rareripes,	2,000 doz. bunches
Table Beets,	20,000 lbs.
Celery,	1,500 plants
Fodder Corn,	4 acres
Sweet Corn,	4 acres
Hay,	90 tons
Mangles,	30 tons
Calves,	16
Pigs,	79
Milk,	36,665 qts.
Eggs,	300 doz.

REPORT OF THE PHYSICIAN
OF THE
NORTH DISTRICT
TO THE
BOARD OF OVERSEERS OF THE POOR.

GENTLEMEN:—

I have made during the year ending November 30th, 1915, 1,117 house visits; 1,083 office calls; births 35; deaths 12.

Respectfully submitted,

ARTHUR L. BRUNELLE, M. D.

REPORT OF THE PHYSICIAN
OF THE
CENTER DISTRICT
TO THE
BOARD OF OVERSEERS OF THE POOR.

GENTLEMEN:—

From March 24th, 1915, to November 30th, 1915, I have made 1,020 house visits; 751 office calls; births 17, deaths 6.

Respectfully submitted,

HARRY L. STEVENS, M. D.
Appointed March 22nd, 1915.

REPORT OF THE PHYSICIAN
OF THE
SOUTH DISTRICT
TO THE
BOARD OF OVERSEERS OF THE POOR.

GENTLEMEN:—

From March 15th, 1915, to March 23rd, 1915, I made 50 house visits; received 24 office calls.

Respectfully submitted,

JOHN M. SALLES, M. D.
Appointed March 8, 1915.

REPORT OF THE PHYSICIAN
OF THE
SOUTH DISTRICT
TO THE
BOARD OF OVERSEERS OF THE POOR.

GENTLEMEN:—

From March 24th, 1915, to November 30th, 1915, I have made 538 house visits; 508 office calls; births 18; deaths 3. Visited Almshouse 14 times.

Respectfully submitted,

LOUIS A. PERRAS, M. D.
Appointed March 22nd, 1915.

REPORT OF THE PHYSICIAN
OF THE
SOUTH DISTRICT
OF THE
BOARD OF OVERSEERS OF THE POOR.

GENTLEMEN:—

From Dec. 1st, 1914, to March 14th, 1915, I made 258 house visits; 217 office calls; births 5; deaths 7. Visited Almshouse twice.

Respectfully submitted,

CLARENCE E. BURT, M. D.

TO THE OVERSEERS OF THE POOR OF THE CITY OF NEW BEDFORD.

GENTLEMEN:—

During the year from December 1st, 1914 to November 30th, 1915, I made 244 visits at the Almshouse. During that time there were, in all, 28 deaths, and 9 births. I made 14 house visits and had 8 office calls.

Respectfully submitted,

EDWARD T. TUCKER, M. D.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

April 27, 1916.

Received, ordered printed in City Documents and sent down for concurrence.

W. H. B. REMINGTON,
City Clerk.

IN COMMON COUNCIL,

April 27, 1916.

Concurred.

CHARLES P. SAWYER,
Clerk.

ANNUAL REPORT

OF THE

SEALER OF WEIGHTS AND MEASURES

To the City Council

For the Year 1915.

REPORT OF SEALER OF WEIGHTS AND MEASURES.

City of New Bedford.
July 17, 1916.

To His Honor the Mayor and the City Council of New Bedford:

Gentlemen: — On account of the fact that my appointment to the position of Sealer of Weights and Measures took place late in the year of 1915, I have decided to make my report brief, and many recommendations which by this time I believe would tend to make the work of this department of greater value to the citizens of New Bedford will be deferred to my next report to your honorable body. There is, however, one feature I feel that needs to be called to your attention; the need of more assistance in this department to perform the work which the law now requires, and protect the purchasing public. It has now become a practical impossibility to perform all the sealing in a city of this size, not considering the inspection work (which in my opinion is of greater importance) take care of hawkers, peddlers and itinerant venders, and to see that the new laws and net weight laws are enforced.

I sincerely hope that the members of the City Council will give me the additional help in this department as early as possible that is so urgently needed.

A detailed report of the work performed for the past financial year is herewith submitted.

Respectfully submitted,

JOHN HOBIN,
Sealer of Weights and Measures.

WEIGHTS AND MEASURES,

	Sealed	Adjusted	Condemned	Now Sealed
Platform scale over 5000 lbs..	75	9	1	3
Platform scale under 5000 lbs.	741	96	12	18
Platform counter scale.....	209	31	2	4
Computing scale.....	391	71	3	12
Miscellaneous.....	349	30	4	6
Spring balance scale.....	714	32	24	33
Beam scale.....	135	12	...	2
Personal weighing scale.....	3	1	...	1
Oil pumps	117	24	2	1
Weights, correct	4633	248	16	...
Dry measures.....	195	...	4	...
Liquid measures.....	1871	...	36	...
Yard Sticks.....	218	...	19	...
Ice cream cans.....	1815	...	10	...
Totals.....	11,466	554	133	80

Fees turned in to City Treasurer.....	$970.01
Work performed at office, no fees charged, value.....	145.21
Total.....	$1,115.32

TRIAL WEIGHING AND MEASUREMENTS.

	No. Tested	Correct	Under	Over
Charcoal	9	9	...	...
Coke	46	38	2	6
Coal (in wagons)	10	1	1	8
Coal (in bags)	30	22	6	2
Flour	51	42	4	5
Ice	4	3	...	1
Bread	64	38	14	12
Dry groceries	102	80	15	7
Gasoline	42	41	...	1
Butter, (print)	20	18	2	...
Butter, (bulk)	41	40	1	...
Berries	149	140	4	5
Fruit	71	71	...	...
Nuts	21	20	...	1
Liquid groceries	10	10	...	...
Milk jars	19	19	...	...
Berry Baskets	116	110	6	...
Barrels (potato)	10	8	1	1
	825	720	56	49

Inspection in stores	46
Inspection of hawkers and peddlers on streets	20
Inspection of junk dealers on street	10
	76

Respectfully submitted,

JOHN HOBIN,

Sealer of Weights and Measurer.

ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

OF THE

CITY OF NEW BEDFORD

For the Year 1915.

NEW BEDFORD:
THE J. E. BUDLONG PRESS, PRINTERS.
1916.

IN SCHOOL COMMITTEE.

DECEMBER 31, 1915.

Voted, That the Superintendent and Secretary prepare the Annual Report of the School Board for the year 1915, and that 1500 copies of the same be printed.

Report of the Secretary.

By direction of the School Committee, I submit to our fellow citizens the following report for the year 1915.

STATISTICS.

I. POPULATION AND VALUATION.

The population of the city [census of 1890] was	40,705
The population of the city [census of 1895] was	55,251
The population of the city [census of 1900] was	62,442
The population of the city [census of 1905] was	74,321
The population of the city [census of 1910] was	96,652
The population of the city [census of 1915] was	109,462
Valuation of the taxable property [1915] was	$111,465,763.00
School houses and lots,	2,672,750.00
Other school property,	231,858 04

II. APPROPRIATION.

Rate of taxation,	$23.00
Amount for school purposes, not including new buildings,	483,000.00

III. SCHOOL CENSUS.

Location of children between five and sixteen years of age, and illiterates between sixteen and twenty-one years of age, as to school attendance, as reported by the census enumerators, in accordance with the census record taken in September, 1915.

Between 5 and 6 yrs.	3,662
Between 7 and 14 yrs.	13,314
Between 14 and 15 yrs.	3,313
Between 16 and 21 yrs. [illiterates]	1,456
Between 7 and 14 yrs. [not attending school, out with satisfactory excuses]	66

IV. SCHOOL ORGANIZATION, July 2, 1915.

High School,	1
Grammar schools,	6
Mixed schools-Grammar, Primary, and Ungraded,	9
Primary schools,	14
Suburban schools,	2
Fresh Air schools,	2
Cooking schools,	3
Manual Training schools,	4
	41

V. SCHOOL BUILDINGS, JULY 2, 1915.

Permanent school houses,	34
Portable school houses,	15
	49

VI. TEACHERS AND PRINCIPALS.

Whole number in service, January 1, 1916.

High school: 47 teachers, 1 military instructor, 1 clerk,	49
Elementary schools,	354
Special teachers,	23
School nurses,	3
Evening High School,	14
Evening Elementary schools,	93
Total,	536

PUBLIC SCHOOLS.

	1914	1915		
Enrollment of pupils,	14,214	16,256	increase	2,042
Average membership,	13,037	13,176	increase	139
Average daily attendance,	12,146	12,431	increase	285
Per cent. of attendance,	93.1	94.3	increase	1.2

PRIVATE AND PAROCHIAL SCHOOLS.

Enrollment of pupils,	4,528	4,479	decrease	49
Average membership,	4,020	4,247	increase	227
Average daily attendance,	3,750	3,909	increase	159
Per cent. daily attendance,	93.3	92.	decrease	1.3

PUBLIC, PRIVATE, AND PAROCHIAL SCHOOLS.

Enrollment of pupils,	18,742	20,735	increase	1,993
Average membership,	17,057	17,423	increase	366
Average daily attendance,	15,896	16,340	increase	444
Per cent. daily attendance,	93.1	93.7	increase	.6

TABLE I.

The cost of instruction per scholar is based on the average number belonging and the total amount expended for the maintenance of each department, not including the expenditures from the Sylvia Ann Howland Educational Fund or Dog Fund, during the year.

High school,	$81.66
Elementary schools,	31.21
Evening Elementary schools,	5.66
Evening High school,	7.83
Day school,	35.02

RECEIPTS AND EXPENDITURES.

1914-1915.

Summary.

Total appropriations, general and subsequent,	$483,565.44
Total expenditures,	482,848.86
Balances unexpended,	$716.58

RECEIPTS—APPROPRIATIONS FROM CITY COUNCIL.

General appropriations, etc.:		
Teachers' salaries,	$368,000.00	
Transferred to repairs,	330.03	
		$367,669.97
Incidentals—General,		105,000.00
Repairs—General,	$6,000.00	
Subsequent,	1,000.00	
Transfer from Teachers Salaries	330.03	
		7,330.03
Playgrounds,		3,000.00
New High school furnishings, balance from 1914,		95.89
Katharine St. school furnishings, balance from 1914,		469.55
Total		$483,565.44

EXPENDITURES—MONEY RAISED BY TAXATION.

For teachers' salaries:		
Day schools,	$357,638.91	
Evening schools,	9,641.50	
		$367,280.41
For incidentals:		
Salaries; Supt. and Sec., Asst. Supt., Grade Supervisor, Inspec. School Property, Dept. Machanic, clerks, attendance officers and janitors,	$57,603.76	
Books and supplies,	13,297.85	
Janitors' supplies,	2,025.36	
Fuel,	19,506.92	
Lighting,	1,566.41	
Water rates,	3,700.17	
Printing and advertising,	1,214.09	
Freight and carting,	329.34	
Transportation,	770.00	
Cooking school,	659.15	
Manual Training school,	303.28	
Bristol County Training school,	339.34	
Miscellaneous expenses [furniture, telephones, etc.],	3,664.86	
		$104,980.53
For repairs of buildings,		7,330.03
For furnishing new buildings,		348.77
Playgrounds,		2,909.12
Total,		$482,848.86

Balances Unexpended.

Transferred to unappropriated funds,	$499.91
Special appropriations carried forward to 1916,	216.67
Total,	$716.58

Receipts from other sources, paid to City Treasurer and credited to unappropriated funds:

For tuition non-resident pupils,	$2,362.25	
For tuition State Charity pupils,	57.00	
For sale of books and supplies,	83.46	
For discarded books, old furniture, junk, etc.	227.48	
		$2,730.19

Income from Trust Funds, etc.

S. A. Howland Educational Fund,	$6,337.97	
Jonathan Bourne Prize Fund,	80.00	
Dog Fund,	2,954.40	
		$9,372.37

1915.

SYLVIA ANN HOWLAND EDUCATIONAL FUND.

Balance of income on hand Dec. 5, 1914.	$4,310.89	
Income during year,	2,027.08	
		$6,337.97
Expenditures for the year,		3,769.04
Balance, Dec. 4, 1915		$2,568.93

1915.

JONATHAN BOURNE PRIZE FUND.

Balance of income on hand Dec. 5, 1914	$20.00	
Interest for the year,	60.00	
		$80.00
Expenditures for prizes,		60.00
Balance, Dec. 4, 1915		$20.00

1915.

DOG FUND.

Balance, December 5, 1914	$270.02	
Income, 1915,	2,684.38	
		$2,954.40
Expenditures for the year,		1,890.33
Balance Dec. 4, 1915,		$1,064.07

SUMMARY OF RECEIPTS AND EXPENDITURES BY DEPARTMENTS.

Receipts—1915.

General appropriations, etc.	$483,565.44
Stock on hand Dec. 5, 1914,	2,996.99
S. A. Howland Educational Fund,	6,337.97
Dog Fund,	2,954.40
Jonathan Bourne Prize Fund,	80.00
Tuition of non-resident pupils and sales,	2,646.73
	$498,581.53

Expenditures—1915.

High school,	$83,554.12	
Elementary schools,	381,683.89	
Manual Training school [sloyd],	4,344.89	
Manual Training school [cooking],	2,804.43	
Playgrounds,	2,909.88	
Evening High school,	2,474.44	
Evening Elementary schools,	8,519.90	
Sale of books and supplies,	83.46	
Old High school,	14.50	
For all departments,	1,923.76	
High school furnishings,	95.89	
Katharine Street school furnishings,	252.88	
		$488,662.04
Stock on hand Dec. 4, 1915,		2,922.65
Tuition of non-resident pupils and sales,		2,646.73

BALANCES.

Howland Educational Fund,	$2,568.93
Dog Fund,	1,064.07
Jonathan Bourne Prize Fund,	20.00
Katharine Street school furnishings,	216.67
Teachers' salaries,	389.56
Playgrounds,	90.88
	$498,581.53

DETAILED STATEMENT.

High school:		
Salaries: Teachers, regular,	$58,162.50	
Salaries: Teachers, special and supervising,	1,815.96	
Salaries: Clerk,	632.50	
Salaries: Janitors,	9,033.44	
Fuel,	2,626.00	
Lighting,	162.41	
Water rates,	638.10	
Books,	2,556.98	
Stationery supplies,	1,738.26	
Science department, supplies,	365.91	
Janitors' supplies,	300.40	
Furniture,	586.98	
Miscellaneous,	567.34	
Proportion of general expenses,	1,343.37	
Repairs, ordinary and alterations,	640.88	
Bourne Prize Fund—Essays,	60.00	
Dog Fund—supplies,	139.89	
Howland Fund—supplementary books, and supplies,	2,183.20	
		$83,554.12
Elementary schools:		
Salaries: Teachers, regular,	$276,953.47	
Salaries: Teachers, special and supervising,	13,984.98	
Salaries: Janitors,	28,491.24	
Fuel,	16,775.21	
Lighting,	1,015.38	
Water rates,	3,062.07	
Transportation,	770.00	
Books,	3,024.34	
Stationery supplies,	5,273.76	
Sewing supplies,	105.67	
Janitors' supplies,	1,651.54	
Furniture,	1,456.48	
Miscellaneous,	443.19	
Proportion of general expenses,	20,853.67	
Repairs, ordinary and alterations,	6,398.66	
Dog Fund—supplies,	130.08	
Howland Fund—supplementary books and supplies,	1,294.15	
		$381,683.89

Manual Training—Sloyd:		
Salaries: Teachers,	$4,010.00	
Stationery supplies,	31.61	
Tools, lumber, etc.,	303.28	
		$4,344.89
Manual Training—Cooking;		
Salaries: Teachers,	$2,079.50	
Stationery supplies,	49.62	
Janitors' supplies,	16.16	
Groceries, fuel, etc.,	659.15	
		$2,804.43
Playgrounds:		
Salaries: Teachers,	$1,948.50	
Salaries: Janitors,	547.14	
Apparatus and supplies,	136.47	
Janitors' supplies,	.76	
Miscellaneous,	277.01	
		$2,909.88
Evening High:		
Salaries: Teachers,	$2,403.00	
Printing and advertising,	19.23	
Stationery supplies,	44.05	
Books,	8.16	
		$2,474.44
Evening Elementary schools:		
Salaries: Teachers,	$7,238.50	
Salaries: Janitors,	560.50	
Books,	64.53	
Stationery supplies,	28.46	
Lighting,	318.12	
Printing and advertising,	84.79	
Proportion of general expenses,	225.00	
		$8,519.90
Sale of books and supplies,	$80.30	
Sale of janitors' supplies,	3.16	
		$83.46

Old High school:		
Repairs, ordinary,	$14.50	
		$14.50
For all departments:		
Howland Fund,	$291.69	
Dog Fund,	1,620.36	
Miscellaneous,	11.71	
		$1,923.76
Special appropriations:		
High school furnishings,	$95.89	
Katharine Street school furnishings,	252.88	
		$348.77
Total expenditures,		$488,662.04
Stock on hand, Dec. 4, 1915, books and supplies,		$1,964.93
Stock on hand, Dec. 4, 1915, janitors' supplies,		957.72
Balances carried forward 1916:		
S. A. Howland Educational Fund,		2,568.93
Dog Fund,		1,064.07
Jonathan Bourne Prize Fund,		20.00
Katharine Street school furnishings,		216.67
Balances transferred to unappropriated funds:		
Teachers' salaries,		389.56
Playgrounds,		90.88
Tuition from non-resident pupils, and sales,		2,646.73
		$498,581.53

SYLVIA ANN HOWLAND EDUCATIONAL FUND.

Balance of income on hand, Dec. 5, 1914.	$4,310.89
Income during period,	2,027.08
	$6,337.97
Expenditures for the year,	3,769.04
Balance, Dec. 4, 1915,	$2,568.93

DETAILED STATEMENT.

Outlay of the School Committee from the income of the Sylvia Ann Howland Educational Fund, from Dec. 5, 1914, to Dec. 4, 1915.

Books and periodicals,	$1,053.97
Music department,	351.80
Art Department,	397.08
Lectures,	50.00
Miscellaneous,	1,916.19
Total,	$3,769.04

Disbursements to the several schools and otherwise are as follows:

101.	High school,	$2,183.20
302.	Parker Street Grammar school,	38.80
303.	Hosea M. Knowlton Grammar school,	19.63
304.	Middle Street Grammar school,	52.86
305.	Fifth Street Grammar school,	33.13
306.	Robert C. Ingraham Grammar school,	14.55
307.	James B. Congdon Grammar school,	52.42
350.	John H. Clifford, Mixed school,	82.85
351.	Thomas Donaghy, Mixed school,	60.50
352.	William H. Taylor, Mixed school,	32.38
354.	Thomas R. Rodman, Mixed school,	110.82
355.	Jireh Swift, Mixed school,	38.43
356.	Abraham Lincoln, Mixed school,	84.96
357.	Betsey B. Winslow, Mixed school,	272.83
358.	Harrington Memorial, Mixed school,	44.97

359.	Katharine Street, Mixed school,	32.25
401.	Phillips Avenue Primary school,	26.85
402.	Cedar Grove Street Primary school,	25.70
403.	Clark Street Primary school,	58.97
404	Merrimac Street Primary school,	36.07
405.	Mary B. White Primary school,	17.60
406.	Horatio A. Kempton Primary school,	26.85
407.	Cedar Street Primary school,	6.63
409.	Sylvia Ann Howland Primary school,	22.15
410.	Thomas A. Greene Primary school,	25 96
411.	Acushnet Avenue Primary school,	23.37
412.	Thompson Street Primary school,	10.85
413.	Isaac W. Benjamin Primary school,	12.40
414.	Dartmouth Street Primary school,	12.88
415.	George H. Dunbar Primary school,	5.80
605.	Plainville school,	6.68
606.	Rockdale school,	4.01
	Office,	106.09
	Lectures,	50.00
	Miscellaneous,	135.60
		$3,769.04

TEXT BOOKS, STATIONERY, AND JANITORS' SUPPLIES.

STATEMENT FOR 1915.

Dr.

	Purchased in 1915.	Stock Dec. 5, 1914	TOTALS	
Books,	$5,856.61	$860.77	$6,717.38	
Stationery Supplies,	7,441.24	1,210.00	8,651.24	
Janitors' Supplies,	2,025.36	926.22	2,951.58	
	$15,323.21	$2,996.99	$18,320.20	

Cr.

	Charged to Schools, 1915	Stock Dec. 4, 1915	Cash receipts, 1915	TOTALS
Books,	$5,659.33	$ 987.04	$71.01	$6,717.38
Stationery Supplies,	7,664.06	977.89	9.29	8,651.24
Janitors' Supplies,	1,990.70	957.72	3.16	2,951.58
	$15,314.09	$2,922.65	$83.46	$18,320.20

The cost in detail of text books, regular supplies and janitors' supplies furnished the several schools for the year 1915, is as follows:

	Books	Regular Supplies.	Janitors' Supplies.	Total.
101. High school,	$2,556.98	$1,738.26	$300.40	$4,595.64
Elementary Schools:				
302. Parker Street,	114.27	238.59	61.61	414.47
303. H. M. Knowlton,	519.70	429.87	92.69	1,042.26
304. Middle Street,	251.06	185.66	48.84	485.56
305. Fifth Street,	178.86	93.11	30.50	302.47
306. R. C. Ingraham,	139.70	174.12	62.96	376.78
307. J. B. Congdon,	167.77	302.29	88.38	558.44
350. J. H. Clifford,	33.95	259.14	84.32	377.41
351. Thomas Donaghy,	200.79	130.69	67.36	398.84
352. W. H. Taylor,	84.60	258.05	64.71	407.36
354. T. R. Rodman,	66.25	213.37	54.25	333.87
355. Jireh Swift,	98.71	171.78	46.82	317.31

356.	Abraham Lincoln,	277.68	444.24	102.66	824.58
357.	Betsey B. Winslow,	111.14	232.89	66.36	410.39
358.	Harrington Memorial,	72.21	218.74	61.17	352.12
359.	Katharine Street,	19.67	376.10	66.63	462.40
401.	Phillips Avenue,	153.72	132.30	55.42	341.44
402.	Cedar Grove Street,	82.03	164.54	83.15	329.72
403.	Clark Street,	41.14	121.59	53.01	215.74
404.	Merrimac Street,	25.93	73.10	20.13	119.16
405.	Mary B. White,	23.77	46.88	12.33	82.98
406.	H. A. Kempton,	21.39	111.07	35.77	168.23
407.	Cedar Street,	30.25	93.92	25.14	149.31
409.	S. A. Howland,	29.01	63.23	37.34	129.58
410.	T. A. Greene,	44.11	103.60	32.06	179.77
411.	Acushnet Avenue,	24.43	147.99	50.58	223.00
412.	Thompson Street,	9.64	131.98	38.51	180.13
413.	I. W. Benjamin,	74.77	229.41	85.69	389.87
414.	Dartmouth Street,	32.48	100.52	44.74	177.74
415.	G. H. Dunbar,	42.77	176.14	55.53	274.44
605.	Plainville,	18.97	15.97	9.49	44.43
606.	Rockdale,	19.24	20.76	4.10	44.10
607.	Sassaquin,	14.33	27.08	9.29	50.70
	Manual Training,		31.61		31.61
	Cooking,		49.62	16.16	65.78
	Sewing,		105.67		105.67
	Playgrounds,			.76	.76
	Special Classes:				
	James B. Congdon,		29.20		29.20
	Thomas Donaghy,		26.71		26.71
	Harrington Memorial,		28.42		28.42
	Cedar Grove Street,		21.41		21.41
	S. A. Howland,		45.21		45.21
802.	Evening High School,	8.16	44.05		52.21
	Evening Elementary Schools:				
803.	H. M. Knowlton,	22.20	9.33		31.53
804.	Abraham Lincoln,	5.21	3.72		8.93
805.	Parker Street,				
806.	Fifth Street,	9.60			9.60
807.	R. C. Ingraham,		6.92		6.92
808.	Thomas Donaghy,	27.52	8.49		36.01
	Office,	5.32	26.72	21.84	53.88
	Sales,	71.01	9.29	3.16	83.46
	Stock,	987.04	977.89	957.72	2,922.65
		$6,717.38	$8,651.24	$2,951.58	$18,320.20

The average cost per pupil in the different departments of the schools, for text books and supplies, has been as follows:

High school,	$4.32
Elementary schools,	.72
Average for day schools,	.99
Average for Evening Elementary schools,	.06
Average for Evening High school,	.16

DEPARTMENT OF PUBLIC SCHOOLS.

For the year beginning Sept. 9, 1914, ending July 2, 1915.

	Total Membership	Average Membership	Average Daily Attendance	Per cent. of Attendance
High,	1,175	994	965	97.
Elementary,	15,081	12,182	11,466	94.1
Manual Training,	1,376	1,242	34	96.7
Cooking,	852	779	32	95.6
Evening schools:				
High,	623	316	246	77.4
Elementary,	2,275	1,504	321	87.8

AVERAGE AGE OF PUPILS IN VARIOUS GRADES. JULY 2, 1915.

HIGH SCHOOL.

		Yrs.	Mos.
Senior	II	18	1
Senior	I	17	6
Junior	II	17	3
Junior	I	16	10
Sophomore	II	16	9
Sophomore	I	15	8
Freshmen	II	15	2
Freshmen	I	14	6
Average for school		16	6

ELEMENTARY SCHOOLS.

		Yrs.	Mos.
Grade VIII.	A	14	8
Grade VIII.	B	13	7
Grade VII.	A	13	1
Grade VII.	B	12	10
Grade VI.	A	12	8
Grade VI.	B	12	6
Grade V.	A	11	11
Grade V.	B	11	8
Grade IV.	A	11	2
Grade IV.	B	10	11
Grade III.	A	10	
Grade III.	B	9	8
Grade II.	A	8	10
Grade II.	B	8	3
Grade I.	A	7	7
Grade I.	B	6	11
Sub-Primary		5	11
Kindergarten		5	6
Ungraded		12	9
Special Classes		12	6
Average for elementary schools		10	7

AGE AND SCHOOLING CERTIFICATES.

There were issued from the office of the Superintendent of Schools for the year 1915 the following age and schooling certificates:

	1915		1914	
	Original.	Additional.	Original.	Additional.
To minors between 14 and 16 years of age.....	1,327	1,313	1,234	1,178
To literate minors between 16 and 21 years of age...	749	4,803	985	4,199
To illiterate minors between 16 and 21 years of age...	393	944	651	1,099
Time permits (to work until statement of birth may be procured)		119		224
Totals.....	2,469	7,179	2,870	6,700
Grand Totals.....	9,648		9,570	

REPORT OF ATTENDANCE OFFICERS:

From September 9, 1914 to July 2, 1915

	John S. Silvia.	Francis N. Howes.	Ralph Covill.
Schools visited,	1,467	2,163	1,333
Absences of pupils reported by teacher,	1,346	1,265	1,369
Absences of pupils without permission of parent,	47	56	88
Second offenses,	16	13	14
Third offenses,	7	12	7
Parents and guardians notified,	1,349	1,207	1,337
Pupils returned to school from street,	46	50	80
Arrests,	1	1	1
Prosecutions,	1	1	1
Placed on probation,	0	0	0
Sentenced to Training school,	1	0	1
Visits to mills,	54	27	42
Violations of labor laws,	4	5	4
Transfer cards received,	672	953	831
Evening school absences reported and investigated,	74	35	21
Posters carried out,	200	183	192
Enrollment cards carried out,	500	285	425
Visits to mercantile establishments,	38	44	49
Notices carried to schools,	752	994	540
Cases of tardiness investigated,	12	16	28

GRADUATES.
1915.

High School.

G. Walter Williams, Principal

	Boys.	Girls.
College and General Courses,	26	36
Commercial Courses,	15	13
Partial Courses,	2	10
	43	59

Grammar Schools.

	Boys.	Girls.
Parker Street--Arthur F. Gilbert, Principal,	47	46
Hosea M. Knowlton--Edward B. Gray, Principal,	22	23
Middle Street--Elwyn G. Campbell, Principal,	41	53
Fifth Street--Edgar Kaharl, Principal,	23	19
Robert C. Ingraham--Alice C. Munsey, Principal,	19	34
James B. Congdon--Raymond H. Cook, Principal,	21	34
Thomas R. Rodman--Sarah A. Russ, Principal,	4	10
Jireh Swift--Louis D. Cook, Principal,	15	7
Abraham Lincoln--John W. Northcott, Principal,	20	24
Betsey B. Winslow--Alice T. Corrigan, Principal,	12	12
	224	262

PUPILS ENTERING THE HIGH SCHOOL—SEPTEMBER, 1914.

	Boys.	Girls.	Total.
From New Bedford schools,	99	103	202
From other schools in city.	7	10	17
From schools out of city,	3	4	7
	109	117	226

PUPILS ENTERING—FEBRUARY, 1915.

	Boys.	Girls.	Total.
From New Bedford schools,	75	94	169
From other schools in city.	1		1
From schools out of city,		1	1
	76	95	171

1827-1915.

NEW BEDFORD HIGH SCHOOL.

GRADUATION EXERCISES.

HIGH SCHOOL AUDITORIUM,

FRIDAY, FEBRUARY 5, 1915, AT 2.30 P. M.

PROGRAMME.

---

1. March. Monstrat Viam. ..... *Hildreth*
High School Orchestra. Clarence W. Arey, Director

2. Prayer.
Reverend William B. Geoghegan.

3. Invocation ..... *Old Litany, 13th Century*
Class of February, 1915.

4. Salutatory and Essay. The Conservation of Forests.
Ruth Edna Chace.

5. Song. Jack Frost. ..... *Arr. from A. R. Gaul*
Class of February, 1915.

6. Essay. The Message of the Renaissance.
Arthur Chace Watson.

7. Overture. Das Brautfest. ..... *Gruenwald*
High School Orchestra.

8. Essay. New Bedford Yesterday and Today.
Gertrude May Martin.

9. Song. Battle On.....*Arr. from "Joan of Arc."*
Class of February, 1915.

10. Valedictory and Essay. The Red Cross.
Constance Mary Loftus.

11. Awarding of Diplomas and Certificates.
Honorable Edward R. Hathaway,
Chairman of the School Committee.

12. Singing of Class Ode.....*Twelfth Century Music*

13. March. On the Alert. . . . . *Schubert*
High School Orchestra.

CLASS ODE.

Words by Anna Elizabeth Bailey.

Dear Alma Mater,
Life now bids us leave thee,
Far o'er the earth our paths to lead.
Hear softly sounding
Those distant voices
That call us forth to strange, new deed.

Kind Foster Mother,
Guide of our youthful days.
Thy love for us our praise has wrought;
Love that has trained us,
Love that has taught us
To use our hearts, our hands, our thoughts.

Loved Alma Mater,
May we ne'er forget thee.
When on life's path we forward move,
Thee let us honor
With grateful praises
For friends whom we have learned to love.

True Alma Mater,
Give us thy blessing.
Our pledge, "Truth Conquers," is from thee.
Stand thou beside us,
Still whisper to us
These words, our guidance, still to be.

CLASS OF FEBRUARY, 1915.

TRUTH CONQUERS.

CANDIDATES FOR DIPLOMAS.

COLLEGE PREPARATORY COURSE.

With Highest Credit.

Arthur Chase Watson
Elizabeth May Holt
Constance Mary Loftus
Gertrude May Martin

With Credit.

Merle Chandler Cowden
Paul Rupert Gast
William Ellery Gifford
Alfred Woledge Jackson
Edmund Lenhart
William Roos
Irving Winthrop Smead
William Thompson Smith
Louis Nathaniel Stern
Anna Elizabeth Bailey
Dorothy May Baldwin
Mildred Alice Riley
Caroline Hardy Wilson

William J. Kerwin, Jr.
Julius H. Wolfson
Sybil Burbank Diman
Anna Leavitt Hunt
Mary Louise Savage
Dorothy Wheaton
Sarah Wollison

GENERAL COURSE.

With Highest Credit.

Ruth Edna Chace

With Credit.

Marion Porter Hindle
Katherine Mary McDonald
Alice Frances Neary
Isabella Wallner

Marion Louise Brown
Anna Marjorie Dunham
May Evelyn Hayden
Hazel Ernine Riley

COMMERCIAL COURSE

With Highest Credit.

Mary Sylvia Cabral

With Credit.

William Frederick Anthony
Charles Hois
John Francis Hughes
William Henry Murdy
Abraham Rusitzky
Charles Alfred Tripp
Doris Grinnell Archer
Louise Edesse Manseau

Harold Harrop
John Lucian

CANDIDATES FOR CERTIFICATES.

	Credits		Credits
Elizabeth Hall Turner	74	Susan Hathaway Thorpe	64
Mildred Sturtevant	73	William Kenworthy [2 years]	34
Bertha Estes Smith	72		

1827--1915.

NEW BEDFORD HIGH SCHOOL.

GRADUATION EXERCISES.

HIGH SCHOOL AUDITORIUM,

FRIDAY, JULY 2, 1915, AT 2.30 P. M.

PROGRAMME.

---

1. March. Pilgrim Commandery. ..... *Foss*
   High School Orchestra. Clarence W. Arey, Director.

2. Prayer
   Reverend Henry J. Noon.

3. Song. Pride of America.....*A. Peron*
   Class of July, 1915.

4. Salutatory and Essay. An Ideal City Government.
   Max Benjamin Walder.

5. Song. Happy Days are Gliding.....*Pflock*
   Class of July, 1915.

6. Essay. An Afternoon at an Acushnet Tavern.
   Charles Lyman Montague Thornton.

7. Overture. Elisae Claudio. ..... *Mercadante*
   High School Orchestra.

8. Valedictory and Essay. The Rise of the High School.
   Mary Elizabeth Carroll.

9. Awarding of Diplomas and Certificates.
   Allen P. Keith,
   Superintendent of Schools.

10. Singing of Class Ode.

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11. March. The Forest King. ..... *Peters*
High School Orchestra.

CLASS ODE.

By Madeline Eleanor Almy.

I

We have reached the day of parting.
At the crossroads now we stand.
Through the hardships of our journey,
There's been oft a helping hand.
Ever onward, ever onward.
In that past, we've learned to see
That with love, dear Alma Mater,
We should think and work for thee.

II

Trails of pleasure we have followed,
Trails of trouble and of strife.
Now in sun and shade before us,
Wind the untrod paths of light.
Ever onward, ever onward,
Stretch those paths o'er land or sea,
Filled with thanks, dear Alma Mater,
Oft our thoughts will turn toward thee.

III

Now we leave this scene of parting.
One last glance and we are gone;
Moved by sorrow at our sunset,
Moved by gladness at our morn.
Ever onward, ever onward,
Yet from wheresoe'er we be,
We'll return, dear Alma Mater,
Some time, some day, home to thee.

WINNERS OF THE JONATHAN BOURNE PRIZES.

First Prize Essay, MARY ELIZABETH CARROLL,
Class of July, 1915.

Second Prize Essay, ARTHUR CHASE WATSON,
Class of February, 1915.

Third Prize Essay, CHARLES L. MONTAGUE THORNTON,
Class of July, 1915.

CLASS OF JULY 1915.

EVER ONWARD.

CANDIDATES FOR DIPLOMAS.

COLLEGE PREPARATORY COURSE.

With Credit.

Julius Gleckman
Madeline Eleanor Almy
Charles Lyman Montague Thornton

James King Donaghy
Louis Herman
Allen Humphrey Hersom
Florance Baker
Shirley Parker Eno
Muriel Hudnut
Mary A. McGuinness
Alice Cecilia Ryan

SCIENTIFIC COURSE.

With Credit.

David Mackler
Max Benjamin Walder

Carl Wilhelm Beckman
Carl Norman Beetle
Charles Dillingham Booth
Josiah Morton Briggs
Emil Frederick Guba
William Bettencourt Souza
Fred Albert Terwilegar

GENERAL COURSE.

With Highest Credit.

Mary Elizabeth Carroll

With Credit.

Olive Gray Anderson
Mabel Cohen
Lydia Pearl Francis

Edith Clifton Dunham
Mary Veronica Flanagan
Irene Elizabeth O'Leary
Aletha Underwood Tripp
Phebe Terry Wilcox

COMMERCIAL COURSE.

With Credit.

Alberta May Dunlap
Emmy Charlotte Johnson
Sarah Catherine Margolis

Albert Augustus Brown
Daniel S. Cantor
Edward Frederick Dowd
Thomas Gleason Ennis
Henry Joseph Karl
Daniel Joseph McAuliffe
Bradford Smith, Jr.
Florence May Brenneke
Hazel Iona Fairbrother
Grace Winifred Gorham
Eleanor Frances Hoye
Anna Rodic Johnson
Winnifred Perkins
Louise Benadette Shea

CANDIDATES FOR CERTIFICATES.

	Credits		Credits
George Francis Egan	71½	Irene Croacher	64½
Esther Grace Francis	67¾	Doris Elizabeth Hathaway [special]	
Ruth May Smith	66	Doris Richmond Neagus [2 yrs.]	26½
Inez Francis Joseph	65¼		

DEPARTMENT OF PUBLIC SCHOOLS.

Brief description of the schoolhouses, with their accomodations and conditions.

	NAME OF SCHOOL	LOCATION	Material	No. of stories	No. of school-rooms	No. of assembly halls	No. of sittings	Year completed	Estimated value
101	High.	County st., between Court and Morgan sts.	Brick	3	24	3	1000	1912	$700,000
302	Parker Street.	Parker st., near County st.	Brick	3	12	1	562	1852	86,379
303	Hosea M. Knowlton.	Cor. County and Coggeshall sts.	Brick	3	16	1	796	1906	105,787
304	Middle Street.	Summer st., between Elm and Middle sts.	Brick	3	9	1	498	1844	35,035
305	Fifth Street.	Cor. Pleasant and Russell sts.	Brick	3	10	1	490	1860	35,898
306	Robert C. Ingraham.	Rivet st.	Brick	3	12	1	575	1901	88,157
307	James B. Congdon.	Hemlock st., cor. Thompson st.	Brick	3	16	1	779	1908	123,039
350	John H. Clifford.	Coggeshall st.	Brick	3	12	1	532	1901	84,525
351	Thomas Donaghy.	South st.	Brick	2	12		615	1905	82,639
352	William H. Taylor.	Brock ave.	Brick	2	12	1	590	1898	79,000
354	Thomas R. Rodman.	Mill st., cor. Rockdale ave.	Brick	3	10	1	435	1908	85,613
355	Jireh Swift.	Lunds Corner.	Brick	3	10	1	466	1909	81,117
356	Abraham Lincoln.	Cor. Bowditch and Glennon sts.	Brick	3	20	1	980	1911	102,082
357	Betsey B. Winslow.	Allen st.	Brick	3	12	1	600	1912	85,000
358	Harrington Memorial.	Cor. Court and Tremont sts.	Brick	3	10	1	480	1889	54,503
359	Katharine Street.	Katharine st., between Orchard and Bonney	Brick	2	20	1	895	1914	171,225
401	Phillips Avenue.	Phillips ave.	Brick	2	8		364	1897	47,561
402	Cedar Grove Street.	Cedar Grove st.	Brick	3	15		631	1883	35,932
403	Clark Street.	Clark st.	Brick	2	8		372	1897	37,847
404	Merrimac Street.	Merrimac st.	Brick	2	6		261	1857	18,113
405	Mary. B. White	Cor. Pleasant and Maxfield sts.	Brick	2	4		195	1881	25,068
406	Horatio A. Kempton	Shawmut ave.	Brick	2	8		390	1901	51,819
407	Cedar Street.	Cor. Cedar and Maxfield sts.	Wood	2	6		239	1855	7,063
409	Sylvia Ann Howland.	Cor. Pleasant and Kempton sts.	Brick	3	7		198	1893	65,100
410	Thomas A. Greene.	Cor. Purchase and Madison sts.	Brick	2	8		343	1894	66,089
411	Acushnet Avenue.	Acushnet ave.	Brick	2	10		462	1878	49,966
412	Thompson Street.	Thompson st.	Brick	3	8		370	1885	37,800
413	Isaac W. Benjamin.	Division st.	Brick	3	12		560	1891	33,875
414	Dartmouth Street.	Cor. Dartmouth and Hickory sts.	Wood	2	8		366	1855	17,106
415	George H. Dunbar.	Cor. Dartmouth and Dunbar sts.	Brick	2	8		363	1897	45,037
605	Plainville.	Plainville Road.	Wood	1	1		40	1846	1,000
606	Rockdale.	Hathaway Road.	Wood	1	2		60	1855	1,254
2	Portable.	Division st.	Wood	1	2		80	1903	4,331
1	Portable.	Madison st.	Wood	1	1		40	1903	2,165
2	Portable.		Wood	1	2		100	1910	3,400
8	Portable.		Wood	1	8		400	1911	15,782
6	Portable.		Wood	1	6		300	1915	10,800
	Unoccupied.	Summer st., between Mill and North sts.	Brick	3	2	1		1876	113,388
	Unoccupied	County Road.	Wood	1	10		90	1852	2,000

NEW BEDFORD PUBLIC SCHOOLS.

Rates of tuition for non-resident pupils for school year, September 8, 1915, to June 30, 1916, same to be paid quarterly:

High School,	$75.00
Grammar Schools,	30.00
Primary Schools,	25.00

SALARIES.

January 1, 1916.

HIGH SCHOOL.

	Min.	Max.
Principal,	$2,500	$3,000
Assistant Principal,	1,800	2,200
Heads of Departments,	1,400	2,000
Men assistants,	1,000	1,700
Women assistants,	800	1,200
Military instructor,		400

Increase $100 yearly until maximum is reached.

ELEMENTARY SCHOOLS.

Principals, Lincoln, Knowlton, Parker, Middle, Fifth, Donaghy, Ingraham, Congdon, Katharine,	$1,600	$2,200
Principals, Swift, Clifford, Rodman, Taylor, Winslow, Harrington,	1,200	1,800

Increase $100 annually until maximum is reached.

Principals, primary schools:		
4 or 5 rooms occupied,	Maximum salary	$850
6 or 7 rooms occupied,	" "	900
8 or 9 rooms occupied,	" "	950
10 or more rooms occupied,	" "	1,000
Assistants in eighth grades,	" "	875
Assistants in seventh grades,	" "	800
Assistants in grades one through six,	" "	750
Assistants in sub-primary and kindergartens	" "	750
Assistants in all grades,	Minimum "	550

Increase $50 per annum at close of first, second, third, and fifth years of experience.

	Minimum.	Maximum.
Teachers of special classes,	$800	$900
Teachers of ungraded classes,		800
Teachers of dispiclinary classes,		875

ROCKDALE SCHOOL.

Principal,	Maximum salary,	$800

PLAINVILLE SCHOOL.

Principal,	Maximum salary,	$750

SASSAQUIN SCHOOL.

Principal,	Maximum Salary,	$800

SUPERVISORS AND SPECIAL TEACHERS.

	Minimum.	Maximum.
Supervisor of Music,	$1,400	$1,900
Assistant Supervisor of Music,	600	900
Supervisor of Drawing,	1,400	1,800
Assistant Supervisor of Drawing,	600	900
Supervisor of Sloyd,	1,200	1,800
Teachers of Sloyd,	600	750
Supervisor of Cooking,	800	900
Teachers of Cooking,	500	750
Supervisor of Sewing,	800	900
Sewing Assistants,	550	750
Physical Director,		1,500
Assistant Physical Director,		800
Teacher of Penmanship,		200
School Nurses,		800

Supervisors increase, $100 annually.

Assistant supervisors increase, $50 annually.

CALENDAR 1916-1917

TERMS.

Fall term begins Sept. 8, 1915; ends Feb. 4, 1916.
Spring term begins Feb. 7, 1916; ends June 30, 1916.
Fall term begins Sept. 6, 1916; ends Feb. 2, 1917.

VACATIONS.

Spring vacation, one week, beginning April 17, 1916.
Summer vacation, nine weeks, beginning July 3, 1916.
Winter vacation, two weeks, beginning Dec. 25, 1916.

HOLIDAYS.

Washington's Birthday,	February 22
Patriots' Day,	April 19
Memorial Day,	May 30
Columbus Day,	October 12

From Wednesday noon before Thanksgiving the remainder of the week.

SCHOOL SESSIONS.

High school: 8.30 a. m. to 1.15 p. m.

Grammar and Manual Training schools: Morning session 9.00 to 11.45 o'clock. Afternoon session 1.30 to 3.45 o'clock, without recess.

Primary and Kindergarten Classes: Morning session 8.45 to 11.45 o'clock. Afternoon session 1.30 to 3.30 o'clock. Recess in these classes for every pupil: 15 minutes in the forenoon, 10 minutes in the afternoon, as near the middle of the session as practicable.

In all other classes the sessions shall be prescribed by the Superintendent, subject to the approval of the Board.

OFFICE OF SUPERINTENDENT OF SCHOOLS.

166 William Street.

Office open 8.30 a. m. to 4.30 p. m., except Saturdays.

Saturdays, 8.30 a. m. to 11.00 a. m., 2.00 to 4.00 p. m.

ALLEN P. KEITH, Superintendent.

Office hours, 8.30 to 9.00 a. m., 12.00 to 1.00 p. m., except Saturdays.

Saturdays, 8.30 to 10.00 a. m.

JOSEPHINE B. STUART, Assistant Superintendent.

Office hours, 8.30 to 9.00 a. m., except Saturdays.

Mondays and Wednesdays, 4.00 to 5.00 p. m.

ELIZABETH B. TRIPP, Grade Supervisor.

Office hours, 8.30 to 9.00 a. m., except Saturdays.

Thursdays, 4.00 to 5.00 p. m.

Office Assistants.

VIOLA C. MANSEAU, 30 Durfee street.
CLARA S. BLAKE, 97 So. Sixth street.
MARGARET F. GIBBONS, 560 County street.
STELLA M. FERGUSON, 563 Union street.

Inspector of School Property.

DANIEL H. FERGUSON, 563 Union street.

Office hours, 12.00 to 1.00 p. m., except Saturdays.

Department Mechanic.

WILLIAM O. MARTIN, 209 Summer street.

Janitor.

JOHN EGAN, 47 Independent street.

Attendance Officers.

JOHN S. SILVIA, 126 Campbell street
FRANCIS N. HOWES, 318 Arnold street
RALPH COVILL, 159 North street.

Office hours, 8.30 to 9.00 a. m., except Saturdays.

SCHOOL BOARD, 1915.

EDWARD R. HATHAWAY, Mayor, Chairman ex-officio.
JAMES P. DORAN, Vice-chairman.

TERM EXPIRES 1916.

Name.	Place of Business.	Residence.
Caroline H. Wilson,		152 William st.
James P. Doran,	Masonic Building,	76 Bedford st.

TERM EXPIRES 1917.

William B. Geoghegan,		47 So. Sixth st.
Clarence A. Cook,	Taun.-N. B. Copper Co.	277 Union st.

TERM EXPIRES 1918.

Anna W. Croacher,		325 Pleasant st.
Napoleon Beaulieu,	Nonquitt Spinning Co.,	29 Nye st.

SCHOOL BOARD, 1916.

EDWARD R. HATHAWAY, Mayor, Chairman ex-officio.
WILLIAM B. GEOGHEGAN, Vice-chairman.

TERM EXPIRES 1917.

Name.	Place of Business.	Residence.
William B. Geoghegan,		47 So. Sixth st.
Clarence A. Cook,	Taun.-N. B. Copper Co.,	277 Union st.

TERM EXPIRES 1918.

Anna W. Croacher,		325 Pleasant st.
Napoleon Beaulieu,	Nonquitt Spinning Co.,	29 Nye st.

TERM EXPIRES 1919.

Samuel F. Winsper,	City Mfg. Co.,	226 Grinnell st.
Edward W. Sherman,	I. C. Sherman & Son,	61 Cottage st.

Teachers and Janitors.

IN SERVICE JANUARY 1, 1916.

	Principals.	Assts.	Clerk.
High school,	1	46	1
Elementary schools,	29	323	
Suburban schools,	3		

	Supervisors.	Assts.
Music,	1	1
Drawing,	1	1
Manual Training,	1	3
Cooking,	1	2
Sewing,	1	6
Penmanship,	1	
Grade supervisor,	1	
Physical director,	1	1
Gymnasium asst.,		1
Gymnasium pianist,		1
Military instructor,	1	
Band and Orchestra director,	1	
Nurses,	3	

	Janitors.	Assts.	Eng.	Asst. Eng.	Firemen.
High,	1	*7	1	1	2
Elementary schools,	29				
Spare men,	4				
Suburban schools,	2				

*Includes 6 scrub women.

TEACHERS.

Following are the names of teachers who have resigned, have had leave of absence, and who have been appointed to the corps during the past year:

RESIGNATIONS, 1915

May Bryant
John H. Card
Maude G. Carlton
Adeline C. Damon
Jane M. Davis
May A. Dolan
Elizabeth A. Dudgale
Katherine A. Dunn
Ellen M. Hamilton
Marion I. Harrington
George W. Jaffray
Mildred L. James
Elsie M. Kelley
Mary E. Martin
Helen T. Maxfield
Julia C. Maynard
Laura C. McCabe
Mary E. McKay
Anne S. Palmer
Ruth W. Pierce
Phillips H. Ryder
Clara E. Sherman
Ellen A. Sibor
Nancy M. Slade
Gertrude L. Sullivan
Alice M. Sykes
Edith M. B. Taber

RETIRED WITH PENSION.

Robert Arnett

LEAVE OF ABSENCE.

Anna I. Dexter
Elizabeth A. Downey
Helen C. Gleason

APPOINTMENTS.

Florence M. Addy
Helen S. Anderson
Helen L. Ashley
George L. Beach
Amy E. Clarke
Raymond M. Coleman
Mildred C. Deane
Winifred C. Duckworth
Genevieve Dunphy
Edale B. Garside

Alice S. Goldthrop
Lucy S. Hathaway
Ruth W. Holloway
Lillian J. Hopkins
Elizabeth Hoxie
Evelyn Kelley
Frederick I. Kelley
May M. Kennedy
Helen S. Kilburn
Mary A. Kirwin
Olive P. Ladd
Gertrude C. Lane
Agnes E. Lewin
Grace M. McKowen
Bessie D. McMann
Mary A. McNulty
Beatrice I. Nelson
Elizabeth Norell
Catharine F. O'Connor
Sarah L. Pendleton
Evelyn W. Perry
Alice R. Porter
Dana C. Sanborn
Ruth E. Schermerhorn
Marguerite Struthers
Grace C. Taber
James V. Toner
Arthur D. Whitman
Ernine M. Wilcox
Harold E. Willey
Edna T. Wilson
Esther F. Yates
Bernice M. Young

NO. OF CHILDREN IN GRADES—SEPTEMBER, 1915.

AGE GRADES	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	ACCEL.	NORMAL	RETARD	TOTALS
8A								27	106	84	55	15	1	27	190	71	288
8B							7	72	134	83	33	10	1	79	217	44	340
7A						1	15	84	141	80	24	3		16	225	107	348
7B					1	2	31	135	124	90	28	2	1	34	259	121	414
6A						1	68	141	143	80	21	2	1	1	209	247	457
6B						29	159	174	147	50	9			29	333	206	568
5A					4	93	161	146	140	51	17	1		4	254	355	613
5B				3	26	222	204	154	120	45	14	2		29	426	335	790
4A				5	93	211	201	136	97	37	9			5	304	480	789
4B			1	48	306	198	148	110	45	21	5			49	504	329	882
3A			2	148	253	179	117	75	35	9	2			2	401	417	820
3B		1	34	373	239	137	70	49	11	2	2			35	612	271	918
2A		2	215	308	163	87	45	22	4					2	523	321	846
2B		44	532	292	147	40	25	14	2	2				44	824	230	1098
1A		301	393	152	64	31	4	3		1					694	255	949
1B	54	952	301	80	30	8	1	1						54	1253	120	1427
TOTALS	54	1300	1478	1409	1326	1239	1256	1343	1249	635	219	35	4	410	7228	3909	11547
PER CENT														3.5%	62.6%	33.9%	

In Memoriam.

TEACHERS.

LYDIA J. CRANSTON

In service 1870-1915.

MARY E. AUSTIN

In service 1875-1914.

PHILLIPS H. RYDER

In service 1912-1915.

Report of the Superintendent.

TO THE HONORABLE SCHOOL COMMITTEE:

Dr. Croacher and Gentlemen:—I have the honor to submit the fifty-fifth annual report of the Superintendent of Schools of this city.

In the supervision and administration of the public school system it has been my aim to carry on the work as any good business is conducted, that is, strive for greater efficiency and economy that our dividends may be larger in proportion to the amount of money expended. As the dividend of the schools must be paid in well trained and efficient citizens I feel that our department represents the most important activity in our public service. No matter how good our teaching may be the right kind of constructive criticism will make it better. Rigid economy, the kind that searches out our real needs and then supplies them liberally, must constantly be practised in the administration of the department. Constant surveys within the system should be made if we would benefit by experience. In all our work the active, constructive assistance of parents and friends is most cordially invited.

THE COST OF THE SCHOOLS.

In view of the constantly increasing cost of the school department I wish to place before you the following information in order that the items which show additional expenditures may be set forth and the reasons for the larger appropriation explained. To do this I have prepared three tables, taking the years 1900, 1905, 1910 and 1915 as a basis of comparison.

TABLE I.

SALARIES — INCIDENTALS — REPAIRS.

	1900	1905	1910	1915
Teachers' Salaries,				
Day	$137,243.96	$181,126.71	$247,846.00	$357,638.91
Evening	3,557.00	7,010.00	6,337.50	9,641.50
Incidentals,				
Salaries	$23,383.60	$30,598.67	$39,383.32	$57,603.76
Miscellaneous	30,055.80	35,482.15	48,105.55	47,376.77
Repairs,	$14,467.93	$9,281.51	$9,944.21	$7,330.03
Valuation school prop.	$906,964.00	$1,404,289.00	$1,735,225.00	$2,888,083.04
Teachers, High School	15	18	22	47
Elementary	202	265	304	383
Average no. pupils belonging				
High School	350	389	501	1,072
Elementary	7,014	8,490	9,839	12,660

TABLE II.

AVERAGE COST PER PUPIL.

Teachers Salaries,				
High School	$51.54	$60.29	$52.81	$55.94
Elementary	16.99	18.57	22.50	23.51
Incidentals,				
Salaries	3.17	3.44	3.81	4.19
Miscellaneous	4.08	3.99	4.65	3.45

TABLE III.

TEACHERS' AND JANITORS' SALARIES.

	1900	1905	1910	1915
Teachers' Salaries.				
High School,				
Principal	$2700.	$3000.	$3000.	$3000.
First Asst.	1700.	1900.	1900.	2200.
Dept. heads	1700.	1800.	1800.	2000.
Male assts.	1600.	1600.	1600.	1700.
Female assts.	1000.	1000.	1000.	1200.
Elem. Schools,				
Principals, Class A.	1900.	1900.	2000.	2200.
Class B.		1600.	1600.	1800.
Primary	600.-950	700.-900.	775.-1000	850.-1000.
Assistants.	600.-675	625.-750.	700.-825.	750.-875.
Janitors' Salaries,				
High School,	1000.	900.	900.	1200.
Elementary,	500.-800.	600.-800.	700.-1100.	750.-1225.

In table I it will be noted that in each period there has been a large increase in the teachers' salaries account. The increased per capita cost in high school teaching for 1905 is hard to explain. The 1915 cost, while much lower than in 1905 is due to the general increase in salary granted the high school teachers in 1912. The per capita cost in the elementary grades is due to increases in salary as follows: twenty-five dollars in the first period; seventy-five dollars in the second period; fifty dollars in the third period and to the revision of the supervisors' and principals' schedules. The rapid growth in the school population has made it impossible for us to reduce the number of pupils in each room to the standard which we have tried to establish, that is, single grades forty-five, double grades thirty-six, ungraded thirty, fresh air twenty-five, special fifteen.

The incidental account includes all salaries other than teachers' salaries and the miscellaneous running expenses of the department. A steady increase in the salary account is shown in each period and is explained by revised salary schedules and the large additional overhead cost of the engine room and janitor service at the new high school over similar cost at the Summer street building.

The miscellaneous account in table II shows a per capita cost of three dollars and forty-five cents in 1915 as compared with four dollars and eight cents in 1905, notwithstanding the increased cost of fuel, books and all other materials. City water was furnished free until 1909 but last year we paid thirty-seven hundred dollars and seventeen cents for water. The large per capita cost for 1910 is explained by the large number of new books needed in the high school due to the admission of the first mid year class.

The valuation of our shcool property has advanced over two hundred per cent. in the past fifteen years and yet, by referring to table I it will be seen that the appropriation for the upkeep of this property in 1915 was fifty per cent. of the appropriation in 1900. This small appropriation has made it ne-

cessary to make temporary repairs in many cases and such a course is decidedly wasteful. Our inspector will again make a detailed estimate of necessary repairs and I trust that this year the appropriation asked for may be granted.

FIRE HAZARD.

The report of Inspector Gibbs and Chief Dahill must be very gratifying to the School Committee and reassuring to our citizens. Fire prevention has been the watchword of all the employees of the department and the fact that the Harrington school fire was extinguished with slight damage is due to the care excerised in the disposition of inflammable material. In considering the recommendations of the special committee I would suggest that metal paper balers be substituted for metal containers. This would allow us to take care of all waste paper in a fire proof receptacle at a profit and eliminate the troubles that arise from burning the rubbish. At present we have a uniform fire signal for New Bedford but I believe most heartily in the recommendation that we have a uniform signal for the state.

A special appropriation to cover the cost of installing new fire gongs, automatic sprinklers and fire proof stair towers as recommended should be promptly granted that the work may be completed at the earliest possible date.

FRESH AIR CLASS.

The special committee, Dr. Croacher and Mr. Geoghegan, appointed to investigate the advisability of establishing fresh air classes in connection with the regular school work recommended, at the September meeting, that such class rooms be opened for pupils who are in special need of fresh air treatment. The superintendent was instructed to open one such class as an experiment. A portable building was made available at the Thomas Donaghy school and a class of twenty-two pupils began work on Monday, October eighteenth, with Miss Marguerite E. Budgen as teacher. The extra equipment

consists of thirty movable and adjustable desk chairs, thirty steamer chairs, a Jones bath room scale and thirty warm blankets. The blankets were prepared by the girls at the Industrial school and with the dishes necessary to serve the lunches were donated to the class by the New Bedford Anti-Tuberculosis Association. The lunch is prepared at the Industrial school and is served to the pupils at a cost of two cents per day. The candidates for the class were selected by the school physicians and nurses, their homes visited and the plans explained to the parents. Membership is voluntary and it is pleasing to note that in every instance parents were glad to take advantage of the opportunity. I desire to express my appreciation of the co-operation of physicians, nurses and principals and especially of Miss Jenkins and her assistants at the Industrial school.

As opportunity offers additional classes should be opened at the north and west ends of the city. I look forward to the time when these classes shall have proven of such great benefit to the pupils in attendance upon them that the value of fresh air will have been sufficiently well demonstrated to lead all of our teachers to make the rooms over which they preside fresh air rooms.

The fresh air class at Sassaquin now has a home of its own in the new portable building erected in November. This class now numbers twenty-six pupils and is meeting with great success under the leadership of Miss Hoxie.

SUMMER SCHOOLS.

It is a matter of regret that it was necessary to discontinue the summer classes during the year 1915. These classes, made up of children who for one cause or another failed of promotion, have done much to reduce retardation in the grades. The more experience we have in this work the more effective it is and just how much is accomplished for those pupils, who through illness or slowness, have failed in the regular classes, is difficult to measure. The encouragement to the

pupil which comes from promotion with the class coupled with the financial gain to the city certainly warrants the continuation of these classes.

CONSERVATION OF EYESIGHT.

The Massachusetts Commission for the Blind has during the past year made a careful study of the records of the eye tests annually made by the teachers in our schools. The serious cases were selected and investigated by our school nurses and the Commission has recommended the opening of a special class for the benefit of those children who, under present conditions, are losing ground and who, if given proper treatment, might conserve and improve their sight. Twenty-two children have been recommended as candidates for the class and more names are to be added as the investigation progresses. I heartily endorse this recommendation and trust that such a room may be opened near the center of the city.

NATURALIZATION CLASSES.

Increased interest in the education of the adult immigrant has been very marked during the year just closed. The fact that his preparation for citizenship was a legitimate part of the work of our evening schools has been recognized in many of our cities and in New Bedford two classes, the special work of which is to prepare for citizenship, have been established. The Bureau of Naturalization at Washington is co-operating with the department that we may search out those in need of this training and place its advantages before them in the right way and through the proper channel, the public school system. I am sure that the success of the two classes opened this year will lead to a demand for such training in every evening school in the city.

SPECIAL CLASS WORK.

An exhibition of the hand work of the special classes of the department was held in the Board rooms in June. The quality

of the work proved that the Committee was justified in establishing such groups. Every pupil in the school is benefited by the separation into special groups of those pupils who cannot do the regular work, but who, when given work suited to their capacities and special needs make marked progress. Through the special syllabus prepared by Miss Stuart and the special teachers, children who have been in the habit of depending on others have come to have confidence in their ability to stand alone.

SCHOOL GARDENS.

Mr. Ralph Gaskill, County Agent for the U. S. Department of Agriculture, visited our large schools early in the spring term and gave a most practical talk on home gardening This fall we had an exhibit of the garden products raised by school children at the Jireh Swift, Abraham Lincoln, Parker street, Fifth street, William H. Taylor, James B. Congdon, Betsey B. Winslow and Thomas R. Rodman schools. Ribbon prizes were furnished by the Massachusetts State Board of Agriculture. This general exhibition was a revelation to the principals, teachers and friends of the schools and proved decidedly that we could benefit in a substantial way by expert supervision of the home garden. Mr. Gaskill pronounced the work of the pupils as superior to that which had received expensive press notices and commendation in other communities. Productive work which will keep the boys pleasantly employed and off the streets should receive every encouragement.

SUMMER PLAYGROUNDS.

With the excellent park system which the city owns it seems to me that we are duplicating our work more or less when we establish an independent system of playgrounds. The parks are so located that with slight additional expense the playgrounds could be taken over by the Park department, thus making the parks of more actual use to the community

HAND WORK OF THE SPECIAL CLASSES

with decided gain to the children of the city. Few cities have such an excellent park system and it has been a source of regret to the writer that the people as a whole do not make more use of this means of recreation.

NO SCHOOL SIGNAL.

At the regular meeting of the Committee held January 29, 1915, it was voted to discontinue the no session signal. The buildings are now open on every school day and the responsibility for the attendance of the pupils rests with the parents. The records of attendance have not been greatly affected and I believe that this action has been a decided benefit to the children attending our schools.

USE OF SCHOOL BUILDINGS.

The rule of the Committee allowing the use of our school halls for any legitimate purpose that can be called educational and for which no admission fee is charged is not taken advantage of by the people of the city to any extent with the exception of the auditorium at the high school, which is in almost constant use. Outside activities cannot be taken up by this department without a special appropriation for such purposes and under the existing financial conditions I do not feel that we can justly ask for an appropriation for this form of extension work.

BUILDINGS.

Six new portable school buildings have been purchased and equipped during the past year. All are located at the north end of the city. The need of a new building located near the lot recommended east of Acushnet avenue, is imperative and should be planned for at once. A building located on the site suggested would relieve crowding at the Cedar Grove street, John H. Clifford, Phillips avenue and Abraham Lincoln buildings. At the latter building we are now using one room

for two classes and conditions are not at all satisfactory for the best work.

A sixteen room building on the old high school lot will relieve conditions temporarily in the west end but the time is not far distant when a new school on the North-Hillman street lot will be necessary to relieve classes at the Thomas R. Rodman and Harrington Memorial buildings.

I would again call your attention to the need of additional room at the south end of the city between the I. W. Benjamin and William H. Taylor schools. With new tenement houses constantly being erected in this district it will be a difficult matter to properly care for the pupils in this section of the city.

The rapid growth of the high school during the past five years has completely filled the new building and we are face to face with the problem of additional accomodations. As we already have an ample heating and lighting plant the erection of a building for commercial school purposes at the rear of the present building would seem to be the economical plan. This would allow also the use of the auditorium and laboratories of the present school and the whole plant would be under one administrative head.

The land at the rear of the Jireh Swift school which was purchased for playground purposes should be put in condition for such use at once by the City Property Committee and turned over to the school department.

New Bedford offers rare opportunities to its young people through the day and evening classes of its elementary and high schools, with many varied and special programs, the Industrial school with its well equipped shops, the Textile school with no superior of its kind, the Swain Free School of Design, an exceptional institution to be located in an industrial city, each ably supported by one of the best public libraries in the country. Let us all unite in awakening the citizens of this community to a realization of the advantages here offered to the end that each institution may be constantly used to its fullest capacity.

Such success as may have been attained during the past year has been made possible by the constant and sympathetic support of all interested in the work of our public schools and I take this opportunity to express my appreciation for such assistance.

Respectfully submitted,

ALLEN P. KEITH.

Report of the Assistant Superintendent of Schools.

MR. ALLEN P. KEITH, SUPERINTENDENT OF SCHOOLS.

Dear Sir:—In compliance with your request I herewith present the tenth annual report of the assistant superintendent of schools.

In many parts of the country there is an increasing demand that while the annual report concerning school matters should contain facts of interest to the School Board, yet since taxpayers and parents as well as teachers are definitely responsible for and hence vitally interested in the schools of a community, they also are entitled to a report which will furnish a clear-cut and truthful picture of the aims, the achievements, the progress, the deficiencies, and the needs of their schools.

Achievement and progress are dependent upon no one official or group of officials but must be wrought out through the combined efforts of each individual connected with the schools, but often the needs and deficiencies which hinder progress can be supplied through administration or remedied through supervision or can be healthily influenced by public opinion. Because of this these needs and deficiencies may appropriately be presented in a school report, though not till effort has been made to remove the cause without this publicity.

PROGRESS.

At the close of the first half-decade of supervision in the primary grades a report was presented which reviewed the progress made in that department during the five years of supervision. The present year which marks the close of the

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decade is an equally appropriate time for such a survey. The cumulative effect of the work accomplished by the schools during these years has accelerated the rate of advance, but instead of reporting this progress in detail it may be more profitable to survey the work with thoughts turned toward our deficiencies rather than toward the progress. Special supervision in grade work has been given for a much shorter period in the grammar grades yet it may be equally profitable to note here the hindrances as well as the growth.

THE COURSE OF STUDY.

One of the disadvantages attending the use of a definite course of study is that some teachers and principals will hold to a too literal interpretation of its aims and bounds. Again, we may teach a subject or topic because the course calls for it and yet may fail to teach the child, for the memory drill which enables the pupil to give back the fact or words presented by the teacher may leave him still untaught along the broader lines of real education. A third objection to a definite course of study is sometimes voiced in the complaint that teachers working with such a course feel their lack of freedom to be a disadvantage.

A lack of freedom may seriously hamper a teacher and may even suppress that element of inspiration which is the medium for the contagion of ideals as well as of knowledge. But on the other hand unlimited freedom may work as a detriment. Uncontrolled freedom permits a teacher to spend time and energy upon teaching facts which the concensus of educational opinion would assign to higher grades, or it allows her to use the subject matter and text of the grades immediately following, thus robbing the pupil of the freshness of approach which should be conserved for the work of each grade.

The present course of study for the primary grades aims to meet the needs of the schools in the matter of freedom. While outlining the minimum requirements in subject-matter, in methods of teaching and discipline, and in standards for the

promotion of pupils, it allows freedom to modify the time assignment when in the judgment of teacher and principal this adjustment is required to meet individual or class needs, leaves freedom for much opportunity for project-work on the part of each teacher, and it sets no limits to the amount of work parallel to the course which may be accomplished as a maximum.

Freedom should not be interpreted as freedom to evade or to fail to meet the minimum requirements of the course, requirements which call for training in habits as well as in knowledge. The teacher whose method of teaching fails to reach these minimum requirements is not granted freedom to continue the unproductive use of her method and for a time she may protest against this lack of freedom. The teacher who has previously measured her success by knowledge alone feels at a loss when she is required to develope iniative and self-direction in her pupils; but the teacher who studies the course in its entirety, who perceives, in its connection with the whole, the part the work of her grade is expected to perform in the child's education will recognize that the organized freedom indicated by the course is more productive of results than disorganized freedom can be.

Yet we must be upon our guard that the desire to secure unification does not lead us into the straight-jacket of uniformity, that the letter of its instructions shall not be substituted for its aim and its spirit.

In a great measure the progress in this department during the past decade has been due to the teachers' comprehension of the aims of the course of study and to their loyal adoption of it as the foundation of their work. This progress can best be measured by those who can recall the time lost, the effort wasted, the confusion due to varying standards, the irritation and discouragement resulting from transfers, and the not infrequent demotion of pupils, which hindered the work before these minimum essentials were understood and insisted upon.

At present our chief hindrances to good results to be gained from the course of study are:—too little familiarity with the

course as a whole and a consequent failure to review the work of earlier grades and to build upon this foundation; failure to recognize that the progress of the duller section of the class is the real test of teaching power; failure to recognize the habits which are being inculcated by the teacher's methods; too great a dependence upon supervision for the help which should have been made a part of the teacher's preparation or which might be obtained through the teacher's personal effort and study; and too great a tendency to neglect the methods which will secure not only the knowledge but "the essential habits, ideals, and attitudes for individual and community needs."

In the grammar grades some adjustment of the present course is needed to secure a closer coördination between these grades and those below. This is specially needed in language and arithmetic in the lower grammar grades, and a revision of the over-crowded course in history is needed here. The teachers and principals of the grades from 4 A through 6 A are now engaged in making a study of the work in arithmetic and in language as a basis for this readjustment.

A thorough revision of the course in geography has already been accomplished. The prominent features of the new course are the motivation of the subject--the work being based upon the needs of mankind--and the motivation of the pupil which has shifted a large part of the work from the teacher's to the children's shoulders and has made the pupil's work less wearisome and more vital. Instead of hours spent as formerly in filling notebooks with comparatively unrelated facts, carefully collected and arranged by the teacher, half-learned and half-digested by the pupil but faithfully copied by him from blackboard and text-book, the present course seeks to give the pupil so clear a memory picture of the map of the country studied, so firm a memory grip upon the essential facts needed by any intelligent person, and such skill in finding in text-books and other books of reference the facts he needs to learn or recall that it will be unnecessary and unprofitable to spend time in compiling note-books. It is sometimes claimed that a note-book is desirable that the pupil may take it with

him to higher grades and have it at hand to refresh his memory. The present course aims to teach the subject so intelligently and effectively that the pupil will be able to take these facts with him not only into the higher grades but into adult life, not in note-books but as a part of his mental equipment for life. The habit of turning to standard works of reference rather than to individual note-books is a valuable part of this equipment.

This method of teaching the subject has greatly widened the scope of the knowledge gained by the majority of the pupils, resulting in a thoroughness of knowledge and a richness of detail undreamed of under the note-book plan, and it has helped the slower pupils to reach the minimum requirements of the course more successfully and in less time than under the old plan. It has lifted the pupil from the passive state of a recipient, often an unwilling one, and has used his intelligence, his craving for activity, and his interest in acquisition, as active forces in his education. In the hands of some of the teachers it is resulting in an increased attention to and power in oral expression in good English, and in addition to the marked gain in knowledge and in thoroughness, there is noticed some development of "gumption" and common-sense.

It is the lack of "gumption" and common-sense, these two products of thought and experience, which is usually the foundation for the complaints brought against the graduates of our schools. These are products which knowledge alone will not bring and the individual whose time has been spent mainly in acquiring knowledge is not infrequently lacking in the ability to adjust himself to new conditions, to exercise judgment, or to fulfil requirements not explicitly defined.

The teaching in geography is intended to strengthen the pupil's judgment, to throw him upon his own resources in meeting a given requirement, and to develope self-confidence and self-direction, these to be the result of and to be gained through the facts he commits to memory.

It should be recognized that we have but made a beginning in the application of this method and it must be admitted that

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thus far it has been followed with widely varying degrees of success. Yet the least satisfactory work is an improvement upon that teacher's former results, and greater familiarity with the aim will do much to lessen the gap between the best work and the least successful. The teachers who have been most successful in adapting the new course to the needs and abilities of their pupils have been those who were already awake to the present day trend in education.

MOTIVATION OF THE SUBJECT.

Training in judgment and common-sense as well as in knowledge is being secured through the experience gained by means of the project-work which the more thoughtful and skillful teachers in each grade are employing. A recent visit to one of the sub-primary and kindergarten rooms furnished an illustration of what may be done in this direction even at the beginning of the child's school course. Last spring the class had visited some of the school-and-home gardens and had watched the planting of the corn and in later visits they had observed its growth.

In the fall stalks of corn bearing the ears were brought into the school room. Some of the ears were hung up to dry for seed while others were shelled and some of the kernels ground between stones till the children saw how meal is obtained. Later the pupils made paper bags to hold the corn and pasteboard carts to represent the vehicles used for carrying the corn to the mill.

From pieces of unbleached cloth and from paper towels they contrived aprons and caps which were intended to insure cleanliness while they were churning cream into butter and cooking the corn meal. (The neighboring day-nursery had invited them to store their butter in its ice-chest till they were ready to use it). When the children were ready for their Thanksgiving party they mixed the corn-meal with water and made johnny-cakes which they cooked at school and ate with the butter they had made.

In the special classes this idea of project-work dominates all the hand-work executed by the pupils. The work executed by these classes last June showed that nothing was made merely for the training which the making furnished but that each article was intended to supply some need of daily life and that while its worth was enhanced by the excellency of the workmanship yet its main value lay in its fitness to satisfy some need, for use or for beauty.

The same aim is shown in the hand-work executed by the pupils in the open air class at Sassaquin. The child recognizes the need for the article or the use to which it can be put before beginning to make it.

In the regular grades the making of an article, the playing of a game, some field lesson or class trip is often made the basis of language work; actual measuring, building, buying, estimating, in other words *experience*, is made the basis of some of the work in arithmetic.

Far too little advantage of this means is taken in teaching this subject and our work should be strengthened by motivation in each subject.

PROGRESS.

One of the factors tending toward progress in the last half-decade has been the adoption of the plan which placed each large school in the primary department in charge of a supervising principal. This has not only strengthened these schools through the opportunity it offered for more efficient administration but the quickening of mental life and progress in each school has been measured by the extent to which the principal has grasped and applied the best in present day thought and practice. The course of study with its frequent revisions to adapt it more closely to our needs has been a means of progress, as has been shown by the work of those teachers who have made themselves most familiar with its aims. Another means of progress has been the extension of closer supervision into the grammar grades and the appointment of a grade supervisor to assist in supervision.

CONCLUSION.

The definite aims toward which our efforts are now being directed are:—1. to use the child's mind "not only as a store house but as a power-house." 2. to measure our teaching power by the progress of the duller half of the class. 3. to widen the scope of our teaching so that it shall include the aim to furnish "the essential knowledge, habits, ideals, and attitudes for individual and community needs".

Respectfully submitted,

JOSEPHINE B. STUART,

Assistant Superintendent of Schools.

Report of the Principal of the High School.

MR. ALLEN P. KEITH, SUPERINTENDENT OF SCHOOLS:

Dear Sir:—I respectfully submit my sixth annual report on the New Bedford High School.

The total number of pupils enrolled from September 1914 to June 1915 was 1140; but this included the class which graduated in mid-year. Of this total number enrolled 152 left school for various reasons, and 102 graduated. The highest average membership of any month in the year was 1075, in the month of February; and the lowest was 929, in the month cf January. The total number of teachers employed was 47 regular and 4 special teachers. The increase in the number of pupils enrolled over the preceding year was 133, and the increase in the total number of teachers employed was 6.

The large increase in the enrollment of the school made it necessary for us to make several changes in the weekly time schedule of classes. The practice we had followed for several years of taking the last period each Wednesday for military drill and band rehearsal had to be discontinued, and the period assigned to regular class recitations. The cadets and band now practice each Wednesday from 1:15 to 1:45. The former custom of having only five recitation periods with a school assembly period on Friday had to be changed to six short recitation periods with a school assembly period. The number of pupils electing singing had become so large that it was necessary to provide an additional period for singing, making the singing periods the fifth and sixth each Wednesday.

The problem of providing a sufficient number of rooms to accomodate the increase in the number of classes has become a very serious one. There are only 38 class-rooms in the building. These include the science laboratories and typewriting rooms, which are unsuitable for ordinary recitation work. We have 46 teachers who teach from 20 to 27 periods a week. This lack of sufficient number of rooms has compelled us to reorganize the school for each day's classes. It is evident that within a year or two we shall not be able to accomodate the increasing number of pupils unless we use the library and auditorium for class rooms, or hold afternoon sessions.

TEACHERS' PROFESSIONAL READING.

During the year the faculty of the High School has undertaken to stimulate greater interest on the part of teachers in professional reading and study. A committee has been appointed to select and recommend books from the latest educational publications for purchase by teachers; the books thus selected are to be intensively studied and then criticized under the direction of a leader at each monthly teachers' meeting. The first book selected by the teachers is, "Methods in Teaching in High Schools", by Samuel C. Parker, Dean of the College of Education of the University of Chicago.

REVISION OF ENGLISH COURSES.

I have appointed two committees of English teachers to revise our courses of study in English. These committees are to submit new outlines of the English work to be done in the High School in each semester. They are to outline the work in composition [written and oral], rhetoric, and literature. They are to consider and offer plans for the differentiation of the English work in the college, scientific, general, and commercial curricula; and they are to select the several books to be read and studied in the four groups of curricula, and plan for better co-operation with the work of the grammar schools.

SCHOOL ORGANIZATIONS.

The High School orchestra, school band, girls' glee club, and boys' glee club help greatly in the musical instruction of our pupils. They all are doing excellent work. The concerts given by the orchestra and band, and the singing on several occasions by the glee clubs have been greatly enjoyed. The debating society debated several times before the school at Friday morning assemblies. The past year was one of the most successful in the history of the society.

MISS MARY E. AUSTIN AND MISS LYDIA J. CRANSTON.

The past year was one of the saddest in the history of the High School, because of the loss by death of two of our oldest teachers. Miss Austin died January 20, 1915, and Miss Cranston followed her on July 5, 1915. The new Bedford High School never had on its faculty two more efficient and loyal teachers than Miss Austin and Miss Cranston. New Bedford was highly favored by having two women of so high professional ability and strength of character to serve its High School for so many years. Miss Austin taught here nearly forty years, and Miss Cranston taught here forty-three years. Because of the unusually long terms of their service, and the powerful influence they had exerted on the lives of their pupils and friends, appropriate memorial exercises were held by the school in the auditorium; and the school paper published many testimonials sent by pupils and teachers. My appreciation of the character and ability of Miss Austin and Miss Cranston has been expressed several times during the past year. I add again that I hold in grateful remembrance the fact that I had the honor and pleasure of associating with them as a teacher.

Following are the statistics for the school year:

	Commercial Courses			General Courses			Technical Courses			College Courses			Total		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
8	13	17	30	0	25	25	15	0	15	14	22	36	42	64	106
7	8	21	29	3	12	15	7	1	8	14	16	30	32	50	82
6	12	24	36	2	24	26	8	0	8	17	15	32	39	63	102
5	22	36	58	0	18	18	11	0	11	15	19	34	48	73	121
4	24	23	47	2	27	29	10	0	10	30	16	46	66	66	132
3	37	53	90	4	24	28	20	0	20	16	25	41	77	102	179
2	51	53	104	9	42	51	26	0	26	43	28	71	129	123	252
1	37	39	76	0	31	31	21	0	21	20	18	38	78	88	166
	204	266	470	20	203	223	118	1	119	169	159	328	511	629	*1140

That is, the total registration by courses was:

Post Graduates, [Feb. - June]	16
Commercial Course,	470
General Course,	223
Technical Course,	119
College Course,	328

*Including the class which graduated in February.

GRADUATES, 1915.

FEBRUARY.

	Boys.	Girls.	Total.
College preparatory course,	12	12	24
General course,	0	9	9
Commercial course,	8	3	11
Partial pupils [certificate]	1	4	5
	21	28	49

JULY.

College preparatory course,	5	6	11
Scientific course,	9	0	9
General course,	0	9	9
Commercial course,	7	10	17
Partial pupils [certificate]	1	6	7
	22	31	53

NUMBER OF PUPILS WHO HAVE LEFT THE HIGH SCHOOL DURING SCHOOL YEAR 1914-15.

	Boys.	Girls.	Total.
8's	0	5	5
7's	6	4	10
6's	8	5	13
5's	8	12	20
4's	10	8	18
3's	7	12	19
2's	14	23	37
1's	18	12	30
	71	81	152

CAUSES FOR LEAVING.

	Boys.	Girls.	Total.
Death,	2	0	2
Illness,	8	29	37
Needed at home,	0	12	12
Neglect of school work,	8	7	15
Trouble at school,	8	4	12
Went to work,	41	13	54
Moved from city,	2	11	13
Went to other schools,	2	3	5
Causes unknown,	0	2	2
	71	81	152

GRADUATES ENTERING HIGHER INSTITUTIONS.

	Boys.	Girls.	Total.
Beloit College,	1	0	1
Brown University,	1	1	2
Boston University,	2	0	2
Colby College,	1	0	1
Colgate University,	1	0	1
Dartmouth College,	1	0	1
Harvard University,	3	0	3
Massachusetts Agricultural College,	1	0	1
Massachusetts Institute of Technology,	1	0	1
University of the City of New York,	1	0	1
Radcliffe College,	0	1	1
Simmons College,	0	2	2
Smith College,	0	2	2
Wellesley College,	0	2	2
Worcester Polytechnic Institute,	2	0	2
Bridgewater Normal School,	0	11	11
Framingham Normal School,	0	1	1
Lynn General Electric School,	1	0	1
Kindergarten Schools,	0	2	2
	16	22	38

COMPARATIVE RECORD OF PUPILS LEAVING SCHOOL DURING THE PAST TEN YEARS.

Year.	Total Enrollment.	Number Left.
1906	428	71
1907	461	65
1908	471	57
1909	539	120
1910	541	56
1911	635	162
1912	706	81
1913	816	95
1914	1007	127
1915	1140	152

Respectfully submitted,

G. WALTER WILLIAMS,

Principal.

Evening High School.

MR. ALLEN P. KEITH, SUPERINTENDENT OF SCHOOLS:

Dear Sir:—I respectfully submit the following report of the Evening High School for the year 1914-1915:

The school opened on the evening of October 5 and continued for twenty weeks, closing on the evening of March 13. During the Christmas recess the school was not in session for a period of three weeks.

The total enrollment, 596, was over forty per cent greater than the preceeding year and nearly the same per cent greater than the largest enrollment the school has ever had. The average attendance was also very good, being nearly sixty per cent greater than the preceding year, thus showing an increased tendency on the part of the pupils to attend the sessions more regularly. The enrollment continues to show a balance in favor of the male sex, the registration being 349 males and 247 females.

Classes were conducted in Bookkeeping, Stenography, Typewriting, Penmanship, Arithmetic, Civil Service, Mathematics and French. All these classes were well attended with the exception of the French class. While this class started out well, it was necessary to drop it before the end of the year because of lack of attendance. I recommend that in the future when new classes are requested by a group of prospective students, a deposit be required to insure their good faith. The class in mathematics had a fine record in attendance and accomplished some very good results, especially along the line of solutions of practical problems

brought in by members of the class, many of whom are employees in machine shops.

From the point of view of enrollment and attendance the school has, during the past year, made the most successful record in its history. If it were possible to accurately estimate the value of that which has been acquired by the pupils during this same time, I am sure the school would register a success from this standpoint also.

Respectfully submitted,

A. R. DORMAN,
Principal.

Report of the Supervisor of Drawing.

MR. ALLEN P. KEITH, SUPERINTENDENT OF SCHOOLS:

Dear Sir:—Not long ago the writer had occasion to consult a workman in regard to placing some plaster casts upon the wall. As we talked he drew on paper the section of a bracket, showing how it supported the cast, the position of the bolts necessary for security, the depth and curve of the moulding—a shorthand sketch speaking to the eye, giving more direct and definite information than any expenditure of words addressed to the ear. It was the natural action of the man trained to work with his hands who wished to express structure so that another might realize it. We get our impressions of the outside world through our senses, more especially those of sight, hearing, and touch. Many of us are more dependent upon eye impressions than we are aware. Describe an object and our mental image is still vague. Give us sometihng to look at, as a sketch or diagram, and we at once endow the object with form and structure. "Seeing is believing", in more senses than one. Thus drawing is a language—a sort of visible speech. When the writer was teaching in a school for the deaf and watched children gain power to use this silent speech of form the parallel was often in mind.

Many persons seem to think that ability to draw is a heaven-bestowed gift dependent upon something called "talent". Artistic expression does depend upon sensitiveness to impressions and is conditioned by individual power to express effectively, but drawing pure and simple, plain representation of the appearance of form or the setting forth of structural facts is within the grasp of anyone who will make the ne-

HAND WORK OF THE SPECIAL CLASSES

cessary effort to use his eyes and train his hand. It does require some effort and patience; so does success in any field. Good drawing calls for attention, observation, comparison, judgment, imagination, feeling, concentration, decision. Skill of hand comes with practice, like playing the piano or violin, in this case the pencil or brush being the instrument.

Everyone accustomed to work with children in school recognizes that they need training in habits of accuracy. Drawing is excellent as a means of teaching careful observation, clear thinking and accuracy of expression.

Drawing gives training in expressing the facts of form. Ability to read and to make a working drawing is necessary in the skilled trades. Drawing with the tool is the basis of all constructive work.

Nature has clothed animals and birds and decided the matter of their color, although even they have worked changes in protective coloring, but we human beings have the privilege and responsibility of selecting the color of our clothing and the furnishings of our homes. A girl needs to know what colors are harmonious and how to combine them. The future homemaker may be helped to distinguish between well designed and badly made furniture, a carpet which by reason of crude color and pattern has the effect of striking one in the eye or that keeps its proper place on the floor, and wallpaper which provides patients for the oculist or one that is restful and comfortable to live with, to select table furniture adapted to its purpose, pleasant to handle, agreeable to look at. A knowledge of some practical principles of design should help both boys and girls to appreciate what is well designed and structurally beautiful. When criticism is made of the design and color of fabrics or other articles for sale in the shops dealers invariably say that manufacturers supply what purchasers will buy.

Quite as important is it to lead the average boy and girl to see beauty of form and color in nature. Beauty lies about us on every side but often our eyes are closed until they are open-

ed for us by the finer vision and skilled hand of the artist. A knowledge of the principles underlying correct representation of the appearance of form leads to appreciation and enjoyment of good book illustration and of the work of the painter and sculptor.

Pupils should study the exhibition shown at the Swain Free School of Design and the New Bedford Public Library. The Public Library is most generous in its co-operation with the schools by lending photographs and prints, plates and books of reference.

Drawing touches all sides of school work. The supervisors wish it might be possible some time to have space in the annual report to illustrate by photographs the inter-relation of drawing with the various school activities. Such illustration would demonstrate more plainly than pages of description the aim and vitality of school drawing.

In primary and grammar grades drawing has to be done at the ordinary desks in the class rooms. An ideal arrangement would be to have a drawing room properly lighted and equipped in each grammar building where the pupils could work in charge of a special teacher, but in the present crowded state of the schools that is out of the question. In the High School, however, pupils work under conditions more like those of the studio and there are opportunities for craft work in metal, leather, embroidery. Students who are to enter technical schools may prepare themselves in mechanical drawing.

Students who possess special ability should take advantage of the excellent instruction offered by the Swain Free School of Design either in the Saturday morning or evening classes. It is greatly to be desired that the young people should realize the privileges afforded them which may be theirs for the asking and for the manifestation of an earnest desire for artistic cultivation.

High School pupils who are preparing for Normal School should be required to take drawing. In the elementary schools drawing must be taught by the grade teacher and some know-

ledge of the subject and practice to go with it is a necessary part of professional equipment.

The teacher's preparation for a drawing lesson should be as careful as that for a lesson in arithmetic or geography. The teacher's interest kindles the pupils' interest. A teacher who can draw is sure of an enthusiastic class.

There is a subtle influence which comes from environment; for that reason we try to make our school buildings attractive and beautiful and to have the pupils feel a pride in the appearance of the school. During the past year appropriate decorations have been placed in some of the schools, notably the library of the High School.

This leads to the thought of civic art and the development of a beautiful city. New Bedford is rapidly growing in industrial importance. It is beautifully situated and in common with many old New England towns is fortunate in possessing some stately buildings, dignified houses, and delightful gardens. While welcoming what is new we must not fail to hold in appreciation the fine things that have come to us from former days. As the city expands we must see that the new buildings are good in architecture, that streets are well planned and well kept, that there are sufficient breathing spaces and parks and that we may feel well-founded pride in our city. This spirit may be cultivated in the schools. The making of home gardens and the effort to beautify yards in which the children have shown such interest are ways in which they can help towards the city beautiful. The children of today are the future citizens and in their hands lie great possibilities.

Respectfully submitted,

LUCY C. BEDLOW.

Report of the Supervisor of Music.

MR. ALLEN P. KEITH, SUPERINTENDENT OF SCHOOLS:

Dear Sir:—I herewith submit my report for the first complete year of my service as Music Supervisor in the New Bedford Schools. Since my first report there have been few changes in the schedule except an increase of five hundred per cent. in the time devoted to the High School, and the discontinuance wherever possible of the grouping of two or more classes. Where one hundred children sing together and are visited once a month by the supervisor a personal knowledge of the individual work done in the class room is impossible. I hope by a slight further change in the program to visit separately all classes except the eighth grades. I must report also that the supervisor's time is so required in the actual work of teaching in the class room that there is no time for supervision in its real sense. Under the present schedule the music teacher is in each room about one-half hour per month, and until there is an increase in the number of rooms this allotment of time can be maintained. The pupils have been uniformly courteous and there has been no lack of interest or enthusiam in any class throughout the city.

Work in the primary grades is, in some respects, quite satisfactory but is handicapped by a lack of printed material preparatory to the use of our first book. The children enter the grammar grades as a rule with a very good idea of the way to use their voices. The methods used for the proper treatment of children's voices is so radically different from that used for adults that few appreciate the importance of this training. There is a decided improvement in the interest and

love of music. The time allowance for music in these grades in somewhat less than the general practice in this country.

In the grammar grades I am pleased to report that we have eliminated the study of the purely theoretical problems which are of little interest except to the professional musician. This has been of great benefit to the work. Classes have more time to sing, and are making good use of their time, and such tests as I have been able to give show that there has been no falling off in the knowledge of the really essential. The four upper grades are all using the same book which answer for the first three, but with the increased power to read and intelligently interpret these songs, more material is necessary for efficient work in the eight A grade. I would recommend the introduction of an additional book for that grade. While the day is long passed when public demonstrations of the value of school music were necessary, it is still desirable as a part of the musical training of children that they should sing in public more frequently than has been the local custom.

I am able to report a considerable gain in the music in the High School. The number of those electing music has increased from ten per cent. of the membership to about fifty per cent. and the interest has shown a corresponding improvement. The chorus has been divided into two sections of over two hundred each; the senior classes have also given one period a week to singing and about one-half of the members of the two glee clubs are availing themselves of that opportunity for music because conflicting studies prevent their attendance at the regular classes. While the growth of the work during the year has been very marked, it is necessary, if the music in the High School is to have the same high standing maintained in its other branches, that it be furnished with equippment in proportion to the number of pupils electing it and also suitable to the increased ability to appreciate good music. A number of musical selections have recently been furnished the school, and with additions to this from time to time we shall be able to avoid repetitions in the work. The two divisions are now ready to undertake the grade of work which high schools in

general have adopted and given the right material and opportunity, I am quite certain the High School would do its part toward the musical culture of the city.

The two glee clubs, which are entirely independent, have made a good start for boys and girls not having any previous musical training except that furnished by the schools; but like all new organizations, need the financial and moral encouragement which is naturally given older activities. While this is to be expected, the members have shown by their regular attendance after school hours, their faithful work, and their self support that no consideration except their interest in music has been the inducement for membership. I ask for them an increasing support for new music and an opportunity to appear befor the public under favorable conditions.

The immense amount of money spent every year by the parents of pupils in our schools for private instruction in music in one form or another, seems to warrant the conclusion that the schools are not meeting the demand for musical training the majority of the parents desire their children to have. And if the wishes of the parents are to govern in this matter, it seems that the time has come for the schools to broaden somewhat in their relation to music. Practically every high school of the size of ours has introduced an elective course in music in some form in addition to the choral work. Such a course is especially needed by those who through the study of any one instrument have reached a point where they feel they have had a broad musical training. It would therefore seem desirable if our High School is to rank in music as it does in other subjects that the matter of the introduction of courses in Musical History, Appreciation and Harmony be investigated thoroughly, and if the number of those desiring such courses is such as to bring the cost per capita to a reasonable figure, that such work be added to our High School curriculum.

The value of musical instruments owned by the city and used in the various schools is considerable, and the Supervisor is making an effort to familiarize himself with those instru-

ments not so frequently under his observation as those with which he has to work in his routine visits. It is his intention to be of assistance to the principals in the care and proper use of this equipment, and also to have available such data regarding its length of service and efficiency as may be required.

Respectfully submitted,

HARRY E. WHITTEMORE.

Report of Playground Supervisor.

MR. ALLEN P. KEITH, SUPERINTENDENT OF SCHOOLS:

Dear Sir:—I herewith submit the report of the Supervisor of Playgrounds for the season of 1915.

The sessions opened on July 12 and continued for a period of six weeks, closing on August 20. This was one week less than the session of the preceding year. In order not to take too much of the limited playtime of the children for organized classes, most of that type of work was eliminated. In its place was substituted athletics for the older girls. Classes in dancing were organized only where requests were sufficient in number to warrant taking the time. This allowed more latitude in the entertainment of the children and did not force work upon them that they considered disagreeable. The athletics for the girls was decidedly popular and proved to be a very satisfactory addition to the list of sports. Four grounds held special classes in dancing and all taught the dancing games to the smaller children.

The athletic meets were better conducted this year than ever before and a larger number of children participated in them. I believe one reason for this is that the men instructors were older and more experienced in teaching, and consequently were respected more by the children and more interest was taken in the undertakings they presented. Also the fact that the girls competed along with the boys added interest to the meets.

While there are faults that can be found with individual members of the playground corps, on the whole it was an exceptionally good force. The instructors were always ready to co-oper-

ate with the supervisor and they maintained very good discipline on the grounds throughout the session. The results they accomplished were demonstrated at the field-day.

The annual field-day was held at Buttonwood Park on Thursday, August 19. It was very largely attended and one of the most successful and satisfactory the playgrounds have ever held. Weather, the Park Authorities and the Teaching Corps united in giving the children a time to be remembered. The exercises were lengthened in order to keep the children occupied until six o'clock ,as it was impossible to get the return trolley cars until that time. However, the day was occupied with some form of amusement up to the last minute. One of the most pleasing features of the day was the concert, from 1.30 to 4.30 given by the New Bedford School Band. The supervisor and the instructors are very grateful to the boys for their services.

Following is the program for the day:

MORNING.

Athletics.
Boys' 75 yd. Dash.
Girls' 50 Yard Dash.
Boys' Potato Race.
Girls' Relay Race.
Boys' High Jump.
Girls' Baseball Throw.
Boys' Standing 3 Jumps.
Boys' Running Broad Jump.

AFTERNOON.

1. Free Arm Exercises. All schools.

Norwegian Mountain March. Knowlton School.

[*a*] Swedish Schottische
[*b*] Dutch Dance
Lincoln School.

Gipsy Dance. Kempton School.

[*a*] Clap, Clap, Clap.
[*b*] How Do You Do, My Partner.
[c] Hop Mor Anika.
All Schools.

2. Championship Newcombe Game.
Lincoln [North] vs. Congdon [South].

3. Championship Baseball Games.
First Teams--
Lincoln [North] vs. Hathaway [South].
Second Teams--
Lincoln [North] vs. Hathaway [South].

Winners--
Athletics—Lincoln School.
Newcombe—Congdon School.
Baseball—First Teams, Hathaway.
Second Teams, Lincoln.

I wish to thank Mr. Keith for his interest and kindly advice, and Mr. Ferguson, Inspector of School Property, for his valuable assistance.

Respectfully submitted,

A. R. DORMAN.

Report of School Nurses.

MR. ALLEN P. KEITH, SUPERINTENDENT OF SCHOOLS:

Dear Sir:—I respectfully submit the following report for the schools of the centre.

Number of visits to the schools,	581
Number of visits to the homes,	760
Cases of defective vision,	205
Cases of defective hearing and breathing,	89
Tubercular tendencies,	10

The number of cases receiving attention are as follows:—

Defective vision,	125
Defective teeth,	64
Adenoids and tonsils,	61

Tubercular tendencies are having treatment at the Clinic.

For the kindly co-operation I wish to thank the Superintendent, Principals, and Teachers, also the Charity Organization, Children's Aid and the Tubercular Clinic.

Respectfully submitted,

FLORENCE RICKETSON, R. N.

MR. ALLEN P. KEITH, SUPERINTENDENT OF SCHOOLS:

Dear Sir:—The report of the school nurse for the north end schools the past year is as follows:—

Number of visits to schools,	395
Number of visits to homes,	913
Number of cases of defective vision,	141
Number of cases of defective teeth,	317
Number of cases of adenoids and tonsils Number of cases of defective hearing	151

The number of cases that have received special medical attention, for defective eyes, teeth, adenoids, tonsils and ears are:

Defective vision,	88
Defective teeth,	350
Adenoids, tonsils, and ears,	70

The large increase in the number of cases of defective vision this year, comes from the investigation made by the Massachusetts Commission for the Blind. Although numbers of these cases had been treated and were wearing glasses, many had to be re-examined and new glasses provided.

The Charity Organization Society has more than met all our demands on their time and co-operation, and has supplied glasses in many of these cases.

A great need is felt in this work, by the school nurses, for a general clinic, where prompt medical attention may be given in all cases, thus avoiding long delays, which under the present system are unavoidable.

I wish to extend my thanks to the various clinics, organizations, teachers, principals, and all others to whom I am indebted for kindly co-operation.

Respectfully submitted,

MARGARET J. DIAZ, R. N.

MR. ALLEN P. KEITH, SUPERINTENDENT OF SCHOOLS:

Dear Sir:—The report of the school nurse of the south end schools for the year past, is as follows:

Number of visits to schools,	376
Number of visits to homes,	876
Number of cases defective vision,	252
Defective eyes with scars on cornea,	12
Conjunctivitis,	55
Keratitis,	15
Glasses provided for children,	174
Defective hearing,	54
Otitis Media,	54
Adenoids and tonsil cases,	135
Number of such cases operated upon,	80
Children in need of fresh air class,	24

An analysis of this report shows there are three needs which ought to be met.

First:— A greater number of fresh air classes so that all necessary cases may be sent to them.

Second:—An eye clinic is most urgently desired. This need si manifested by the great number of cases of defective vision. In such cases where glasses have have been provided, there has been a noticeable improvement.

Third:— If there could be a nose, throat, and ear clinic, the health of many children would be better, and there would be fewer excluded cases. Many children have Otitis Media which involves a running ear. A clinic would take care of these cases and remove a cause of further disease, a certain bad odor from the school room, and a source of exclusion.

I wish to express my appreciation of the hearty co-operation of the Superintendent of Public Schools, Principals, and Teachers. My work has been made a great deal more effective by

the aid of the Charity Organization Society, Society for the Prevention of Cruelty to Children, Children's Aid, and several private charities. In addition to these, the Dental Clinic has continued its very satisfactory work.

Respectfully submitted,

M. THERESA McGRATH, R. N.

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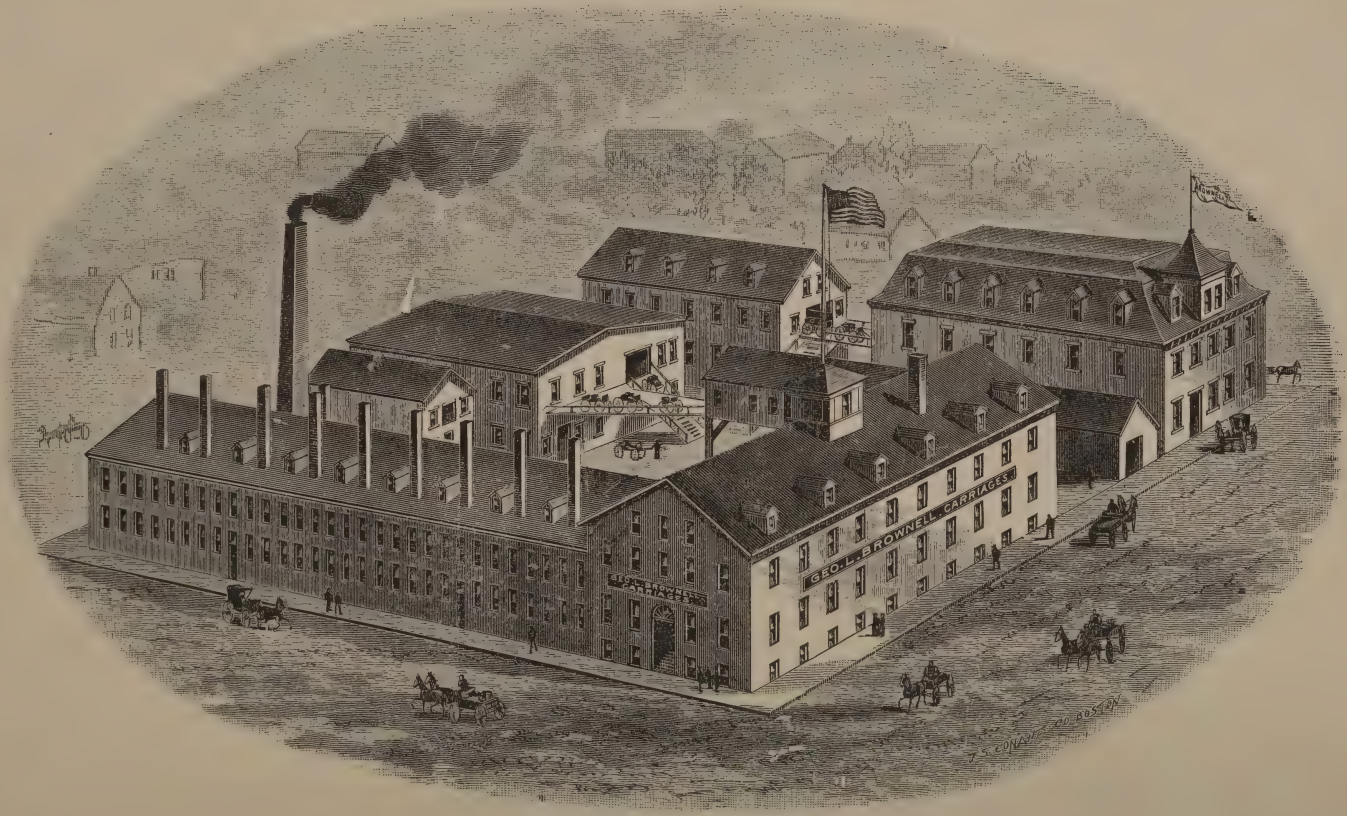

THE SCHOOL PLANT.

ANNUAL REPORT

OF THE

BOARD OF TRUSTEES

OF THE

New Bedford Independent Industrial School

FOR THE YEAR 1914-1915.

BOARD OF TRUSTEES

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NEW BEDFORD:

THE J. E. BUDLONG PRESS, PRINTERS.

1916.

REPORT OF THE DIRECTOR FOR THE YEAR ENDING NOVEMBER 30, 1915, TO THE BOARD OF TRUSTEES OF THE NEW BEDFORD INDUSTRIAL SCHOOL.

This report covers the period from November 30, 1914 to December 1st., 1915.

BOYS' DAY SCHOOL.

There has been real progress in all departments of the school during the past year, but it is clearly evident that much greater progress should have been made.

No manufactured product that can be readily marketed has yet been found for the Electrical Department, although some advancement has been made on definite lines. Mr. N. S. Rounds who was promoted to the position of Head of the department has given some evidence of fitness and potential ability to bring his department up to a high standard of efficiency. There have been but two instructors in that department since September 1st., making necessary a waiting list of pupils desiring to enter, and retarding the development of some product which has been started.

Some satisfactory progress in the matter of a marketable product has been made in the Machine Department, as a result of the liberal policy of the Board in the purchase of modern equipment, and also because of the conscientious efforts of the men in that department.

The three story addition 20ft. x 29ft. in size, planned and built by the boys in the Carpentry Department and located on the south side of the Cannon Street building, is practically

finished and the Machine Shop tool room has been moved from the center of the Machine Shop, where it covered valuable floor space, to the lower story of that addition. This change has made possible a new and much more practicable arrangement and location of the machines in that department.

In the Carpentry Department there is decided improvement in the quality of the work turned out. The faculty has been strengthened by the employment of E. M. McCracken as assistant, and he has been given classes in pattern making and cabinet work, also some classes in related subjects.

The product of the Power Department must of necessity consist of service to the school. The operation of the boilers and gas producer and the steam and gas engines for furnishing power, heat and light, with the care of steam, water and gas piping in all the school buildings, afford productive work of much educational value. When the real value of the opportunity in this department is better realized by the community, there will be a much larger renrollment there.

Under the Department of Related Work comes the arrangement and teaching of all class work, which includes the following; Mathematics, English, Drawing, Science, Civics and Business Law. The course of sudy in each department is carried out under the Head of that Department.

It is an advantage, whenever possible, to have the shop man teach the classes in Mathematics and Trade Science, because of their intimate connection with the work, and although for economic and other reasons, it has been found absolutely necessary to form classes, the school does provide special instruction, where it appears to be best for the pupil, up to the full capacity of the institution.

In the last year, the time given to drawing has been shortened, and Trade Science work introduced in its place. Under a more systematic method of teaching, the time now given to drawing is producing better results than formerly. This we are confident is a step toward the more efficient training of boys who will be skilled and capable mechanics, due to their technical knowledge and mechanical ability.

All pupils are now accepted on probation for one month, and this period may be extended at the request of the head of the department. At the end of this period of probation, the head of the department recommends the boy either for acceptance on regular standing in his department, trial in some other department, or that he go into some other school or employment. If at any time during his course a boy is not making reasonable progress in his work and studies, his parents are advised of the fact, and if after this notice there is no permanent improvement, the parents are requested to take the boy out of the school. This method has resulted in the prompt elimination of those boys who for any reason demonstrate that they are not fitted for the Industrial School work at that time, and by insistence on real progress and efficiency of the pupils, the quality and value of the school is increased, rather than its size.

As may be seen by the table of enrollment, the number of advanced boys in the school capable of commercial grade work was in 1913 ten, in 1914 fifteen and in 1915 thirty-one, a condition which is one of the factors making for increased efficiency in the school.

GIRLS DAY SCHOOL.

The most important change in the method of instruction the past year has been to organize the second year cooking class with the purpose of developing speed. The noontime meal for the ten teachers who patronize the lunch room has been put in charge of these girls, but instead of using the whole class as heretofore, this luncheon is assigned to four girls for a month, who do the marketing, plan the menus, prepare the food and keep the accounts. The cost must come within the twenty cents per meal paid by each teacher. This plan gives to each girl in the class such training that both teachers and girls feel confident that the girls are gaining a greater efficiency in the preparation of meals than they gained from last year's method of class work.

In the interests of health, with a six and a half hour day, these girls from fourteen to sixteen should have definite hours of physical training, especially when some of these days are given over so largely to sewing. A tentative arrangement is being worked out by which Miss Parker, the assistant in physical training in the public shcools, will give what time she can spare to classes in the industrial school. When we can make these periods regular and frequent enough, the girls are sure to receive great benefit. Miss Mae Chandler, one of the regular teachers of the school, has this year volunteered to give much extra time to organizing and coaching a basketball team.

The development of the homemaking course throughout the state is in the line of developing the broader interests and sympathies of the girl as well as her skill in cooking, sewing and millinery. The registration this year again demonstrates the wisdom of shortening the course to two years. Only five girls returned this fall to enter on third or fourth year work. If there could be added to the two years homemaking course a term or a year's training for a specific occupation, there is little doubt that some of our more promising girls would avail themselves of this opportunity. A survey of the occupations in New Bedford open to girls from sixteen to twenty years of age, giving in detail the preparation required, working conditions, range of wages, opportunity for advancement, etc., would be a great help to trustees, advisory council and teachers, in developing a course in the school which would meet the needs of girls over sixteen who have completed the two years homemaking course. One possibility is a course in salesmanship, if co-operation can be established between the school and the merchants. But some certainty of employment at good wages would be a necessary incentive to the girls to prepare themselves for the work. The employment of several of our girls in the Little House-keepers Classes at the City Mission is giving valuable training. The girls might also get practice work in connectionwith the Day Nurseries of the city.

WOMEN'S EVENING CLASSES.

In the evening classes for women the work has been systematized and given definite direction.

The registration fee with the requirement of the State Board of Education that in the interests of good work no new member shall be admitted to any unit course after the third meeting of the class, is having its effect on the enrollment in the classes. A comparison of the figures for 1914 and 1915 is of interest in this connection.

	1914	1915
Registered in October and November	870	530
Number of classes organized,	37	33
Placed on waiting list,	130	35
Dropped out of classes between October and the Christmas vacation	350	58

These figures show that with better organization of the work, we are avoiding the unnecessary work and expense of providing classes for girls who enroll without serious motive.

There is persistent request for admission to the evening classes by girls under seventeen years of age. As the State will not reimburse a class for such girls, the suggestion is made that the Trustees consider establishing such classes under separate ordinance.

MEN'S EVENING CLASSES.

A smaller number registered for the evening classes in 1915 than in 1914, due in part to the registration fee required, for the first time this year, but in larger measure to the fact that many of our mills and factories are working at high pressure, and all mechanics, with the possible exception of the carpenters, are working full time. or more, at good wages.

The above report, together with the following statistical information, is respectfully submitted.

ARTHUR S. ALLEN,

Director.

COMPARITIVE TABLE OF ENROLLMENT IN BOYS' DAY SCHOOL.

	Dec. 1, 1913.	Dec. 1, 1914.	Dec. 1, 1915.
1st year boys	80	96	72
2nd year boys	23	40	24
3rd year boys	6	12	22
4th year boys	4	3	9
	113	151	127

EVENING SCHOOL ENROLLMENT.

MEN.

	1914	1915
No. registered		
Oct. - Dec. 1st - qualified	447	264
unqual.	161	108
No. Classes	18	17
No. admitted to classes first night	229	181
No. admitted between 1st night and Dec. 1st.	92	43
No. left between 1st night and Dec. 1st.	82	47
No. in classes Dec. 1st.	239	177
Waiting list - Dec. 1st.-qual.	114	14

In 1914, 36 of the number admitted the first night dropped out before December 1st, 1914.

In 1915, 26 of the number admitted the first night dropped out before December 1st., 1915.

MACHINE DEPARTMENT.

FACULTY.

George W. G. Poole, Head of Dept., appointed Dec. 7, 1914.
Colin B. Robertson, Assistant, appointed Jan. 1, 1915.
W. A. Pittendriegh, Assistant, appointed February 1, 1915.

Dec. 1, 1914	Equipment Inventory	Dec. 1, 1915.
	Buildings	
$ 9,479.97	Machinery	$12,558.78
368.60	Furniture	228.10
723.18	Apparatus	1,554.54
1,334.95	Tools	1,933.62
	Maintenance Inventory	
1,302.61	Shop material & supplies	1,068.19
$13,209.31	TOTAL	$17,343.23

Cash received from work and products,	$ 192.41
Credits given on work and products for the school itself.	1,358.59
Credits given on work and products for personal use	37.99

Course of Study, MACHINE DEPARTMENT, 32½ hours per week=100%

SUBJECTS	FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR	
	1st HALF	2nd. HALF	1st. HALF	2nd. HALF	1st HALF	2nd. HALF	1st. HALF	2nd. HALF
SHOP WORK	Progresses from Elementary to Difficult, The Rate of Progress Depending on the Boy's Ability							
TYPE TIME	86 %	86 %	69 %	69 %	73 %	73 %	77 %	77 %
MATHEMATICS	Fractions Decimals Based on Jobs in Shop	Mensuration Simple Shop Formulae	Measuring Instruments Formulae	Speeds of Pulleys, Gears, Indexing Levers, etc.	Solution of Right Triangle Algebra--as applied to Shop Formulae		Gearing----Cams Computations for same	
TIME	5 %	5 %	8 %	8 %	9 %	9 %	9 %	9 %
ENGLISH	Shop Reports Sentence Work Spelling		Shop Reports Composition Work Spelling Current Events					
TIME	5 %	5 %	5 %	5 %				
DRAWING	Shop Sketching		Lettering Sketching Problems	Detail of Machine Parts Blueprinting	Detail of More Complicated Machine Parts		Assembly Work Gears----Cams Elements of Design	
TIME	4 %	4 %	9 %	9 %	9 %	9 %	9 %	9 %
TRADE SCIENCE			Commercial Forming of Metals		Study of Lubrication & Bearing Materials	Application of Electricity to Machine Work	Strength of Materials---Heat--Treatment of Steel	
TIME			5 %	5 %	5 %	5 %	5 %	5 %
CIVICS			Protection----Health----Education---- Transportation Charities----General Government Beginning with the Boy's Idea of the Topics and ending with National Organizations					
TIME			4 %	4 %	2 %	2 %		
BUSINESS LAW					Notes Checks Etc.	Contracts		
TIME					2 %	2 %		

CARPENTRY DEPARTMENT.

FACULTY.

Oliver H. Gardner, Head of Dept., appointed Aug. 3, 1909.
Charles A. Wilson, Assistant, appointed November 30, 1909.
E. M. McCrackern, Assistant, appointed July 7, 1915.

Dec. 1, 1914	Equipment Inventory	Dec. 1, 1915.
	Buildings	
$ 1,305.10	Machinery	$1,325.10
168.50	Furniture	215.38
392.58	Apparatus	380.48
816.55	Tools	659.71
	Maintenance Inventory	
1,155.12	Shop Material and Supplies	593.79
$3,837.85	TOTAL	$3,174.46

Cash received from work and products	$ 212.44
Credits given on work and products for the school itself	2,391.96
Credits given on work and products for other municipal departments	.12
Credits given on work and products for personal use	150.74

Course of Study, CARPENTER DEPARTMENT, 32½ hours per week=100%

SUBJECTS	FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR	
	1st. HALF	2nd. HALF	1st. HALF	2nd. HALF	1st. HALF	2nd. HALF	1st. HALF	2nd. HALF
SHOP WORK TYPE	Elementary Shop Work	Pattern Making	Advanced Shop Work		Building--Construction Roof--Framing		Inside Finish Stair Building	
TIME	87 %	87 %	74 %	74 %	79 %	79 %	83 %	83 %
MATHEMATICS	Fractions Decimals Based on Jobs in Shop	Board Measure Mensuration	Figuring Material for Houses	Speeds of Pulleys Simple Machines	Simple Equations Shop Formulae	Applied Mechanics	Figuring Sizes of Beams	Use of Tables for sizes of Beams
TIME	5 %	5 %	8 %	8 %	6 %	6 %	6 %	6 %
ENGLISH	Shop Reports Sentence Work Spelling		Shop Reports Composition Work Spelling Current Events					
TIME	4 %	4 %	5 %	5 %				
DRAWING	Lettering Shop Sketches	Problems Details of Cabinets, etc.	Floor and Framing Plans	Details of Windows Inside Finish	Plan and Elevations of Houses--Details of same		Continuation of Third Year Work	
TIME	4 %	4 %	9 %	9 %	9 %	9 %	9 %	9 %
TRADE SCIENCE					Study of Woods as adapted to Requirements of Lumber		Study of Construction Materials--Building Ordinances-Testing Materials	
TIME					2 %	2 %	2 %	2 %
CIVICS			Protection----Health----Education----Transportation Charities----General Government Beginning with the Boy's Idea of the Topics and ending with National Organizations					
TIME			4 %	4 %	2 %	2 %		
BUSINESS LAW					Notes Checks Etc.	Contracts		
TIME					2 %	2 %		

POWER DEPARTMENT.

FACULTY.

H. Percy Arnold, Head of Dept., appointed Aug. 29, 1911.
Clarence N. Potter, Assistant, appointed Sept. 24, 1911.
Charles A. Foley, Assistant, appointed February 1, 1915.

Dec. 1, 1914	Equipment Inventory	Dec. 1, 1915.
$1,500.00	Buildings	$1,500.00
6,041.23	Machinery	6,598.43
203.25	Furniture	173.25
957.88	Apparatus	1,042.85
197.62	Tools	216.78
	Maintenance Inventory	
386.14	Shop Material and Supplies	260.73
$9,286.12	TOTAL	$9,792.04

Credits given on work and products for the school itself $1,052.05

Course of Study, POWER DEPT., 32½ hours per week=100%

SUBJECTS	FIRST YEAR		SECOND YEAR	
	1st. HALF	2nd. HALF	1st. HALF	2nd. HALF
SHOP WORK	Operation of Steam and Gas Plant and Steam Heating			
TIME	70 %	70 %	69 %	69 %
MATHEMATICS	Fractions--Decimals Based on Jobs in Shop		Mensuration Figuring Heat Surfaces Volumes	
TIME	7 %	7 %	7 %	7 %
ENGLISH	Shop Reports Sentence Work Spelling		Shop Reports Composition Work Spelling	
TIME	5 %	5 %	2 %	2 %
DRAWING	Lettering Sketching Problems	Detail Drawings of Machine and Engine Parts		Assembly Drawings of Dash Pots, Etc.
TIME	9 %	9 %	9 %	9 %
CIVICS			Protection-Health-Education Transportation--Charities General Government. Beginning with Boy's Idea o f Topics and end. with Nat. Org.	
TIME			4 %	4 %
STEAM PRACTICE		Principals of Steam Generation		
TIME		9 %	9 %	9 %

ELECTRICAL DEPARTMENT.

FACULTY.

Nathaniel S. Rounds, Head of Dept., appointed June 7, 1915.
John Knight, Assistant, appointed February 26, 1912.

Dec. 1, 1914.	Equipment Inventory	Dec. 1, 1915.
	Buildings	
$1,583.50	Machinery	$1,409.50
135.00	Furniture	147.00
651.25	Apparatus	1,062.87
183.45	Tools	252.90
	Maintenance Inventory	
294.78	Shop Material and Supplies	250.77
$2,857.98	TOTAL	$3,321.54

Cash received from work and products	$5.60
Credits given on work and products for the school iteslf	$2,090.36
Credits given on work and products for personal use	$ 24.78

Course of Study, ELECTRICAL DEPARTMENT, 32½ hours per week=100%

SUBJECTS	FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR	
	1st. HALF	2nd. HALF	1st. HALF	2nd. HALF	1st. HALF	2nd. HALF	1st. HALF	2nd. HALF
SHOP WORK TYPE	Small Repair Work. Helpers for Advanced Boys		Machine Repair Work	Wiring	Construction and Plant Maintenance		Commercial Plant Maintenance Work	
TIME	90%	90%	69 %	69 %	76 %	76 %	80 %	80 %
MATHEMATICS	Fractions Decimals Based on Shop Jobs	Mensuration Wire Computation	Wire Computations Ohm's Law	Speeds of Pulleys Motors Levers, etc.	Solution of Right Triangle Algebra---as applied to Shop Formulae		Alternating Currents Single Phase Polyphase	
TIME	5 %	5 %	8 %	8 %	6 %	6 %	6 %	6 %
ENGLISH	Shop Reports Sentence Work Spelling		Shop R eports Composition Work Spelling Current Events					
TIME	5 %	5 %	5 %	5 %				
DRAWING			Lettering Sketching Problems	Detail of Machine Parts Blue Printing	Wiring Plans Detail of Motor Parts		Assembly Work Power House Lay Out	
TIME			5 %	9 %	9 %	9 %	9 %	9 %
TRADE SCIENCE			Study of Metals Foundry Practice		Study of Illumation	Machine Shop Practice	Study of Engines Machine Tests	
TIME			5 %	5 %	5 %	5 %	5 %	5 %
CIVICS			Protection----Health----Education----Transportation Charities----General Government Beginning with the Boy's Idea of the Topics and ending with National Organizations					
TIME			4 %	4 %	2 %	2 %		
BUSINESS LAW					Notes Checks Etc.	Contracts		
TIME					2 %	2 %		

GIRLS' DEPARTMENT.

FACULTY.

Elizabeth C. Jenkins, Head of Dept., appointed July 6, 1914.
Anita Jennings, Teacher of Sewing, appointed June 26, 1913.
Jessie S. Weaver, Teacher of Sewing and Design, appointed September 8, 1914.
Mrs. Nellie F. Dunn, Teacher of Sewing, appointment temp.
Mildred G. Horne, Teacher of Cooking, appointed Aug. 3, 1914
Mae F. Chandler, Teacher of Cooking, appointed Oct. 7, 1914.
Mrs. Lillian M. Browning, Teacher of Millinery, part time
Bessie Highet, Teacher of Millinery, part time
Florence Ricketson, Teacher of Hygiene, part time

Dec. 1, 1914	Equipment Inventory	Dec. 1, 1915.
	Buildings	
$1,015.50	Machinery	$1,025.05
993.72	Furniture	889.95
1,709.91	Apparatus	1,935.88
	Tools	
	Maintenance Inventory	
148.61	Shop Material and Supplies	152.90
$3,867.74	TOTAL	$4,003.78

Cash received from work and products -- Cooking		$ 878.66
Credits given on work and products for the school itself	Sewing	1.40
Credits given on work and products for other Municipal Departments	Sewing	33.45
	Cooking	4.80
Credits given on work and products for personal use		
	Sewing	734.47
	Millinery	155.25
	Cooking	912.73

Course of Study, HOMEMAKING DEPT., 32½ hours per week=100 %

SUBJECTS	FIRST YEAR		SECOND YEAR	
	1st. HALF	2nd. HALF	1st. HALF	2nd. HALF
COOKING TIME	Preparation of Soups, Stews, Breads, Vegetables and Simple Desserts for Cafetevia Lunch 15 %	15 %	Marketing, Planning, Cooking and Estimating Costs of Teachers' Lunch Served Family style. 10 %	10 %
SEWING TIME	Mending, Darning, Simple Renovation, Making Underwear. Shirt Waists and Cotton Dresses 42 %	42 %	Renovation of Dresses and Coats Making Woolen Dresses. Fancy Cotton Dresses. Embroidered Underwear 43 %	43 %
DESIGN	Simple Line Printing--Model Form--Study of Line, Proportion, Spacing and Color. Christmas Cards. Sketching designs of Underwear and Simple 10 % Dresses	10 %	Designing Underwear, Dresses and Hats. Place and Menu Cards, Posters 7 %	7 %
MILLINERY	Practice Work Trimmimg Felt Hats 7 %	Renovating Spring Hats Making Summer Hats 7 %	Making Velvet Hats 7 %	Making Summer Hats 7 %
HOUSEHOLD MANAGE-MENT	Housewifery 10 %	Laundry 10 %	Planning and Systematizing House-work. Discussion of Family Budget 5 %	5 %
HYGIENE and HOME NURSING	Personal Hygiene--Bed Making Bandaging--First Aid--Discussion of Infant Care 3 %	3 %		
ARITH-METIC	Reckoning Recipes--Fractions Decimals 3 %	3 %	Personal accounts--Cooking accounts Household accounts 6 %	6 %
ENGLISH	Spelling--Letter Writing--Oral and Written Reports--Magazine Reading 10 %	10 %	Business English--Current Events Debating 10 %	10 %
CITIZENSHIP			Study of Government and Social Work of the City 7 %	7 %
VOCATIONS FOR GIRLS			Study of Employments--Preparation required--Conditions of Work 5 % Wages, Etc.	5 %

ADMINISTRATION DEPARTMENT.

FACULTY

Arthur S. Allen, Director, appointed July 30, 1913.
Russell B. Leonard, Head of Dept. of Related Work. appointed September 29, 1913.
Florence S. Bliss, Assistant, appointed June 1, 1914.
Pauline C. Clarke. Clerk, appointed December 21, 1911.

Dec. 1, 1914	Equipment Inventory	Dec. 1, 1915.
	Buildings	
$ 616.00	Machinery	$ 649.50
780.23	Furniture	679.40
481.57	Apparatus	486.77
	Tools	
	Maintenance Inventory	
567.12	Shop Material and Supplies	508.85
$2,444.92	TOTAL	$2,324.22

COST OF SCHOOL FROM DEC. 1st, 1914 TO DEC. 1st, 1915.

Equipment items,	
Rent,	$ 3,000.00
Equipment & Tools	5,710.06
Maintenance items	
Salaries & Labor,	28,922.48
Fuel, water, gas & electricity	2,217.03
Office, Janitor & Class Room Supplies,	1,515.07
Material for shops,	4,947.86
Repairs & replacements,	916.29
	$47,228.79

STATEMENT OF SCHOOL CASH

Cash on hand Dec. 1, 1914	$ 216.44	
Receipts Dec. 1, 1914 - Dec. 1, 1915	2,139.30	
	$ 2,355.74	
Disbursements Dec. 1, 1913 - Dec. 1, 1915		$2,117.56
Cash on hand Dec. 1, 1915		238.18
		$2,355.74

Total inventory Dec. 1, 1915.

Buildings,	$ 1,500.00
Machinery,	23,566.36
Furniture,	2,333.08
Apparatus,	6,463.29
Tools,	3,063.01
Shop material & supplies,	2,834.93
	$39,760.77

ANNUAL REPORT

OF THE

SUPERINTENDENT OF STREETS

OF THE

CITY OF NEW BEDFORD, MASS.

TO THE
CITY COUNCIL

FOR THE YEAR 1915.

NEW BEDFORD
THE A. E. COFFIN PRESS, PRINTERS
1916

Report of the Superintendent.

To His Honor the Mayor and City Council of the City of New Bedford, Mass.—

Gentlemen:—In compliance with the requirements of the City Ordinances, I have the honor to submit herewith the annual report of the Street and Sewer Departments for the year ending Nov. 30, 1915.

ADMINISTRATIVE.

Pursuant to the policy adopted by the administration, contract work was practically eliminated during the year, two contracts only having been awarded for construction work, one for wood block paving and the other for granolithic sidewalks. It has been demonstrated that the construction work of the department can be done by the city forces as cheaply and as well as by contract.

STREETS.

During the year an asphalt plant was purchased for the purpose of mixing our own asphalt pavements and while the men employed on this work were without experience, the results obtained were generally satisfactory. I anticipate a marked improvement in this type of construction next season due to the experience gained this year.

A laboratory is being established at the City yard where materials of construction will be tested and proper mixtures secured.

Bituminous macadam has supplanted water bound construction and will gradually decrease the cost of maintenance, by reducing the amount of worn out stone (which

becomes mud when wet and dust when dry) that eventually finds its way into the gutters and catch basins, making this branch of street cleaning extremely expensive. The bituminous surface will also overcome the necessity of street oiling to lay the dust.

STREET CLEANING.

Bearing in mind that public health and comfort depend to a large degree upon the sanitary condition of the streets, the matter of street cleaning has been given considerable attention and study, and the various methods have been investigated, to determine if possible, the most suitable method to pursue in this city. From the experience of other cities, the conclusion reached is that permanent pavements should be flushed with water at least three times weekly, at night, supplemented by hand sweeping during the day.

In order to carry out this system the city purchased a power flusher which was used to good advantage and gave general satisfaction.

COLLECTION OF ASHES AND REFUSE.

Owing to the increasing difficulty in securing suitable dumping places and to the numerous complaints made relative to odors, smoke, loose papers, etc., coming from the dumps, the matter of disposal is one which will require serious consideration in the near future. The question of separate collection and disposal of ashes and combustible waste is being studied with a view to either burning the combustible materials or baling for commercial purposes.

An appreciable reduction in the cost of collection and disposal was made this year and it is hoped that a further reduction can be made in 1916.

BRIDGES.

It was found necessary during the year to lay a new deck on the Fairhaven bridge draw and on orders from the United States Government Engineers the cables carrying the power to operate the draw were lowered to a depth of five feet below the bottom of the channel. It will be necessary to replace about 700 feet of the railing on this bridge next season.

Considerable repairs were necessary to the floor of the Coggeshall Street bridge and the under structure was painted. It will be necessary to lay a new upper floor on this bridge early in 1916.

A reinforced concrete bridge of 10′ span and a causeway 350 feet long with masonry slopes was built during the summer to replace the old double culvert and bank walls at Turner's Pond on Shawmut Avenue.

FORESTRY.

The work of this division has been carried on in a satisfactory manner throughout the year and I am pleased to state that the agent of the State Forester reports conditions throughout the city as being excellent. If probably will be necessary to expend a larger amount of money on spraying next season, in order to prevent an increase of insect pests, and to properly care for the young trees set out during the last two or three years. There is also an increasing demand for removal of trees.

SEWERS.

A comparatively small amount of sewer construction was done in 1915. The Tripps Brook Relief Sewer was completed to Kempton street and a 36 inch segment block sewer was built in Orchard street. The balance of sewers built were of vitrified clay pipe of various sizes. The department is well equipped to do this work efficiently and economically.

EQUIPMENT.

Although about $14,000 was spent for new equipment during the year, further additions are required before the department can be brought up to date.

A tractor for hauling materials for construction, street oiling and flushing, is very much needed, as is also a larger truck for the street cleaning division, the small truck now in use to be used for delivering tools, etc., to the various jobs. A maintenance roller can be used to great advantage for rebuilding macadam streets, and a considerable saving in the cost of this work can be made thereby.

RECOMMENDATIONS.

The following recommendations are made for your consideration:

That the lot on North street owned by the City be sold and the two lots adjacent to the City Yard, which are now hired for storage purposes, be purchased.

That pockets for the storage of broken trap rock be erected on one of the City wharves or at a suitable point on the railroad.

That a new building be erected in the City Yard for storage of machinery and cement, it now being necessary to leave much of the apparatus in the open during the winter months.

CONCLUSION.

I should indeed be ungrateful did I not at this time express my appreciation of the many courtesies and assistance given me by His Honor, the Mayor, and the Heads of the various departments, and of the cooperation of my assistants and the men of the department to whom is due in a large degree whatever success has been achieved during the year. To these I extend my sincere thanks.

Respectfully submitted,

W. P. HAMMERSLEY,

Superintendent.

NEW BEDFORD — 1915.

GENERAL STATISTICS.

Population, estimated 111,000.
Valuation, $111,346,538.00.
Area, about 19.39 sq. miles.
Accepted streets 186.60 miles.
Three bridges over the Acushnet River. New Bedford and Fairhaven bridge, 70 feet wide and 9/10 mile long; 4/5 maintained by New Bedford. Coggeshall Street bridge, 3/4 maintained by New Bedford. Concrete bridge between New Bedford and Acushnet, built by County Commissioners in 1913.
11.13 miles granite block paving, area 166,959 sq. yds.
0.02 miles asphalt block paving, area, 273 sq. yds.
10.96 miles bitulithic and similar paving, area, 181,906 sq. yds.
0.34 miles brick paving, area,12,128 sq. yds. New Bedford and Fairhaven Bridge.
0.04 miles cement concrete paving 261.00 sq. yds.
6.45 miles cobble paving, 67,874 sq. yds.
94.94 miles water-bound macadam 1,269,122 sq. yds.
10.24 miles bituminous macadam, 54,288 sq. yds.
136.02 miles curbing.
30.53 miles flag walks 89,908 sq. yds.
32.94 miles tar concrete walks, 142,547 sq. yds.
28.60 miles granolithic walks, 123,662 sq. yds.
126,223 miles Sewers.
Cost of sewer system to date (including intercepting sewer) $3,099,454.73.
1526 catch basins.
792 eye-holes.

APPROPRIATIONS AND EXPENDITURES.

Year 1915.

			Appropriations	Net Expenditures
Highways and Streets:				
Appropriation		$187,000.00		
Excise Tax :—				
Union St. Ry. Co.	$9,998.39			
Bay State	2,788.84	$12,787.23		
			$199,787.23	$196,759.86
Highway improvements No. 1, 2, 3			210,000.00	201,068.13
Macadam Loan			100,000.00	95,335.16
Sewers and Drains,			15,000.00	18,825.11
Bridges,			10,000.00	11,860.23
Forestry,			5,500.00	5,538.68
Turner's Pond Bridge,			10,000.00	6,150.65
Cove Road Retaining Wall			2,000.00	1,671.36
			$552,287.23	$537,209.18

Highways and Streets Accounts

RECAPITULATION — HIGHWAYS AND STREETS.

GROSS EXPENDITURES.

	Cost.
Ashing	$ 45,806.62
Accidents	2,684.90
Automobiles	11,854.60
(credits for auto rent and material ($2,194.29)	
Building repairs	343.06
Crosswalks	81.66
Curbing, relaid	1,182.78
Concrete walks repaired (tar)	464.67
Driveways	1,024.09
Dust prevention — Oiling streets	18,520.07
" " Watering streets	3,061.59
Equipment	3,140.60
Filling holes and washouts	2,634.16
Flag walks repaired,	986.97
Fences	249.64
Filling and grading	3,811.02
Granolithic walks repaired	53.06
Gutters, repaired	2,175.08
Heating (City Yard)	1,540.48
Lights	76.99
Main office and Salaries	7,353.60
Macadam, repaired	14,332.21
Miscellaneous	3,807.03
Bitulithic pavement repaired Block " " Cobble " "	3,001.20
Pension	1,099.28
Removing snow and ice	2,619.59
Stable office	3,196.60
Stable yard	1,075.11
Sweeping and cleaning streets	60,478.81
Sidewalks, cinder and gravel	21,349.59
Tools, new and repaired	4,610.41
Yard tool house	862.98
Walls (retaining walls)	951.20
Water supply	468.87
Charges—Labor and stock for other departments and sundry parties	$70,182.06
	$294,980.58

Stock on hand Dec. 4, 1915 — $2,849.43

Cr.

Appropriation	$187,000.00
Excise tax	12,787.23
Receipts	98,220.72
	$298,007.95
Balance to Highways	3,027.37
	$294,980.58

TURNER'S POND BRIDGE

Appropriation		$12,000.00
Transferred to Cove road retaining wall	$2,000.00	
Expenditures for Turner's pond bridge	6,150.65	8,150.65
* Balance		$3,849.35

*(Not finished)

COVE ROAD RETAINING WALL

Appropriation	$2,000.00
Expenditures	1,671 36
* Balance	$328.64

*(Not finished)

STREETS LAID OUT AND ACCEPTED.

Street	From	To	Date	Width and Length in Feet		
				35	40	50
Alden	Rockdale Av.	Westerly	Sept. 8	.....	.....	853.44
Aquidneck	Brock Ave.	W. French Ave.	Sept. 8	.....	.....	985.64
Arlington	Query	Shaw	Apr. 28	.....	.....	438.09
*Arlington	Shaw	Irvington	Apr. 28	.....	.....	593.14
Brownell	Maple	Arnold	Sept. 22	.....	.....	352.84
*Concord	Shaw	Princeton	Apr. 28	.....	.....	369.81
Concord	Princeton	Irvington	Feb. 10	.....	153.76	.....
*Elm	Reed	Rockdale Ave.	May 13	.....	372.08	.....
Fielding	Wood	Hersom	Sept. 8	.....	.....	253.91
Florence	Hillman	Maxfield	Dec. 9	.....	310 29	.....
Junior	Arnold	Union	June 23	.....	599.81	.....
Lake	W. Jenny Lind	Buttonwood Pk.	Sept. 22	.....	359.06	.....
Mapleview Ter.	Tremont	Westerly	Mar. 24	246.80	.....	.....
Mt. Vernon	Shawmut Ave.	Westerly	Sept. 8	.....	.....	249.00
Oakley	E. Acushnet Ave.	Acushnet Ave.	Oct. 13	.....	.....	413.63
Palmer	Arnold	Union	May 27	.....	.....	600.14
Prescott	Tarklin Hill Rd.	Pine Grove Cem.	Sept. 8	.....	.....	2,532.12
Sharp	Rockdale Ave.	Westerly	June 23	.....	.....	208.96
Weaver	Field	Rural Cem.	Dec. 22	.....	157.45	.....
Wood	Belleville Ave.	Acushnet Ave.	May 13	.....	.....	708.86
				246.80	1,952.45	8,559.58

* Accepted under Betterment Act.

STREETS WIDENED.

Street	From	To	Date			
Orchard	At Brock Avenue		Aug. 25	Cut off corner	Length	15.41
Shawmut Ave.	At Turner's Pond		Aug. 25	20 ft. on E. S.	"	286.44
†Sixth	Elm	Middle	July 16	10 ft. on E. S.	"	180.50
*Union	Front	Acushnet Ave.	Oct. 28	14 ft. on S. S.	"	894.01
						1,376.36

STREETS — ALTERATION OF LINES.

Sterling	Acushnet Ave.	Pine Grove Cem.	Nov. 10	5 ft. on S. S., Discontinued

STREETS — ALTERATION OF GRADES.

Kane	Bolton	Hemlock	Jan. 6	
Stowell	Dartmouth	Field	Sept. 8	

STREETS — GRADE ESTABLISHED.

W. French Ave.	Rodman Ave.	Valentine	Mar. 24	

* Accepted under Betterment Act.
† By revocable license from United States.

Total length accepted — 10,758.83 ft. = 2.037 miles.

DUST PREVENTION.

WATERING STREETS.

Trolley Car Sprinkler and City Water Carts	Total Cost.....	$3,061.59

OILING STREETS.

	Sq. Yds.	Cost	Cost Per Sq. Yd.
Asphaltic Oil.....	421,806.00	$ 5,623.47	$0.0133
Non-Asphaltic Oil.....	1,145,136.00	12,766.35	0.0111
Receipts for material sold..		130.25	
		$18,520.07	

STABLE AND TEAMING ACCOUNT.

Stock on hand Dec. 1, 1914 (horses, carts, harnesses, hay, grain, etc.) $29,465.65

	Labor	Teaming	Stock	Total	
Teaming	$12,937.35	$19.71	$7,864.53	$20,821.59	
Carts repaired and painted,	2,056.44	.....	264.79	2,321.23	
Stable expenses,	5,491.17	17.72	282.76	5,791.65	
					$28,934.47
					$58,400.12

Credits received:

Manure and Hogs	$314.22	
Stock on hand Dec. 4, 1915	27,041.90	
	$27,356.12	$27,356.12
		$31,044.03

HIGHWAYS AND STREETS.

	1910	1911	1912	1913	1914	1915
Macadam, new, water-bound	$48,582.12	$42,582.12	$52,163.20	$47,353.71	.....	.....
Macadam, rebuilt, " "	19,316.16	34,601.86	32,142.83	43,862.78	$107,312.29	$11,992.04
Macadam, repaired, " "	5,983.60	5,829.98	5,634.70	4,465.99	5,909.04	14,332.21
Macadam:—						
Bituminous penetration	.....	.....	.....	.....	.....	60,055.99
Bituminous concrete	.....	.....	.....	.....	.....	31,989.15
Wood block paving	.....	.....	.....	.....	.....	50,736.96
Bitulithic and endurite paving	39,211.88	74,264.76	46,973.44	63,043.77	83,110.41	874.10
Streets filled and graded	30,481.70	41,355.68	58,205.26	31,516.21	36,571.98	22,328.13
Curbing, new and relaid	24,229.44	29,342.59	21,633.79	27,787.08	20,290.92	18,346.94
Gutters, new	22,073.25	13,940.52	25,077.59	15,258.07	13,439.79	6,210.92
Gutters, repaired	1,284.36	1,049.96	1,431.06	2,335.23	698.22	2,175.08
Concrete sidewalks, new	.....	.....	.....	.....	.....	.....
Concrete sidewalks, repaired	1,540.26	688.16	5,202.76	1,925.57	2,215.58	464.67
Gravel and cinder walks	16,969.43	17,913.19	25,782.02	19,827.49	15,516.37	21,349.59
Granolithic, sidewalks	18,485.50	27,977.23	20,648.56	20,163.36	16,640.19	24,162.75
Paving, new, granite block	45,668.09	49,232.65	49,906.37	*40,673.91	39,541.95	67,551.47
Paving, repaired, block & cobble	5,925.93	2,373.09	1,214.82	3,376.02	1,550.96	3,001.20
Flagging, new and repaired	1,018.00	1,885.46	1,423.58	3,569.97	1,736.88	986.97
Crosswalks, new and repaired	296.73	216.61	243.72	218.66	50.19	81.66
Sweeping and cleaning streets	53,367.52	62,531.03	68,624.40	70,944.56	70,159.22	60,478.81
Removing snow and ice,	9,022.83	5,013.01	1,488.45	850.77	4,959.62	2,619.59
Collecting ashes,	32,439.69	42,085.20	41,471.66	45,587.48	52,803.27	45,806.62
Filling holes in streets,	1,183.69	1,292.07	3,001.31	1,310.19	736.57	2,634.16

* Includes relaying Acushnet avenue.

GUTTERS.

NEW	1910	1911	1912	1913	1914	1915
Length in feet,	64,697.80	38,995.70	72,428.00	41,389.20	56,687.85	20,036.30
Average width,	3.50	3.50	3.50	3.50	3.50	3.50
Area in square yards,	26,392.40	15,244.25	27,484.09	18,102.88	23,441.11	7,605.82
Cost,	$22,073.25	13,940.52	25,077.59	15,258.07	13,439.79	6,210.92
Cost per square yard,	$ .825	.893	.912	.84	.55*	.77
Cost per foot in length of average width,	$ .341	.35	.346	.36	.22*	.29
REPAIRED:						
Length in feet,	3,483.16	1,089.00	.....	.....	.....	.....
Area in square yards,	1,436.00	367.70	.....	.....	.....	.....
Cost,	$ 1,284.36	1,049.69	1,431.06	2,335.23	689.22	2,175.08

*Laying only (old cobbles from streets used over).

HIGHWAYS IMPROVEMENT.

CURBING	1910	1911	1912	1913	1914	1915
Length,	21,944.60	28,166.96	19,724.41	29,783.47	18,535.62	21,622.44
Cost,	$13,181.65	26,047.74	19,260.32	26,931.52	17,569.73	$ 17,164.16
Cost per foot	$ .898	.98	1.01	1.02	.947	.91
Cost per foot of stone	$ .550	.49	.50	.55	.55	.53
Cost per foot of labor	$ .348	.49	.51	.47	.397	.38
Total cost of curbing relaid	$11,047.53	$ 3,045.97	$ 1,966.29	$ 855.56	$ 2,721.19	$ 1,182.78

Macadam Loan.

MACADAM ACCOUNT.

Appropriation	$100,000.00
Receipts	30,586.29
Total	$130,586.29
Expenditures	$125,921.45
Balance	$ 4,664.84

Expenditures

Bituminous Macadam	$ 60,055.99
Water Bound Macadam	11,992.04
Equipment	13,294.15
Charges—Stock and Labor, and Stock on Hand	40,579.27
	$ 125,921.45

MACADAM, NEW

Street	Location	Length Feet	Area Sq. Yds.	Cost
Brock Ave.	West of First	776.0	2,069.33	$ 349.29
	West of County	1,125.0	2,500.00	187.68
Dudley	West of Brock Ave.	1,052.0	2,805.33	378.27
Hatch	West of Belleville Ave.	242.6	652.32	39.35
Jenny Lind	Kempton to Hillman	472.5	945.00	75.87
Lake	Rockdale to Buttonwood	460.0	925.10	31.93
Nausett	Purchase to Mt. Pleasant	1,646.5	4,482.14	513.47
Palmer	Ryan to Hawthorn	607.8	1,620.79	81.15
	Court to Elm	462.0	924.00	8.00
Rockdale Ave.	Court to Lake	389.0	1,426.33	262.42
State	Hillman to Willis	1,275.2	2,522.06	106 78
Tarklin Hill Rd.	East of Bowditch	2,708.10	5,074.60	993.29
Lighting				42.63
REBUILT :				
Cedar Grove	No. Front to Belleville Ave.	245.0	490.00	26.74
Rockdale Ave.	North of Court	.....	.....	3.44
Teaming				57.61
		11,461.70	26,437.00	

Stone	$ 7,482.12	
Rolling	1,292.00	8,774.12
Total cost		$ 11,992.04

BITUMINOUS MACADAM

Street	Location	Length Feet	Area Sq. Yds.	Cost
Ash	North of Bedford	384.00	768.00	$ 519.41
Arnold	Rotch to Rounds	590.60	1,224.40	899.07
Bedford	West of Cottage	285.00	570.00	454.52
* Bolton		.....	.....	296.07
Bridge Lane	East of Water	167.80	344.90	242.64
Brock Ave.	West of Bonney	1,073.50	2,147.00	3,128.24
Brownell	Union to Arnold Hawthorn to Maple	1,328.00	3,520.47	2,878.09
Chancery	Arnold to Union	653.00	1,306.00	
Union	Chancery to Newton	717.00	1,912.00	
Chancery	Parker to Tilton	680.00	1,360.00	4,159.88
* Church	North of Nash Rd.	738.70	2,462.33	2,920.46
Coggeshall	West of Summer	357.30	952.80	1,337.99
* County		.....	.....	1,189.48
* Court		.....	.....	533.30
Hawthorn Grove	West of Cottage East of Ash	837.50	1,449.60	864.00
Hussey		.....	.....	177.30
James	South of Kempton	323.50	647.00	480.16
Jenney	North to Hillman	288.00	768.00	716.14
Kane	Bolton to Hemlock	419.00	838.00	599.04
Maple	Cottage to Ash Rotch to Rounds	1,228.00	2,880.30	1,622.03
Middle	Pleasant to County	929.60	1,859.20	2,309.25
Mill	Cedar to Liberty	1,582.00	3,164.00	3,113.13
Myrtle	Adams to Sawyer	237.00	250.30	598.06
Newton	Union to Court	229.50	459.00	228.64
Peckham	Myrtle to Summer	353.50	746.20	475.14
Princeton	Acushnet Ave. to Bowditch	1,894.00	4,629.70	5,390.32
* Prospect		.....	.....	154.54
Riverside Ave.	N. & S. of Belleville Rd.	804.00	2,272.10	2,857.73
Rockdale Ave.	South of Kempton	616.00	2,279.88	2,387.52
Rodney	Brock Ave. to Cleveland	529.00	1,410.70	1,650.43
Rounds	Arnold to Court	887.30	2,375.10	1,637.54
Sagamore	Hemlock to Dartmouth	672.50	1,793.33	1,534.23
Spencer	Willis to Parker	315.50	631.00	569.23
Stapleton	Brock Ave. to Cove	468.20	1,274.55	1,169.84
Tarkiln Hill Rd.	West of Acushnet Ave.	2,588.00	5,470.10	6,205.39
Thompson	County to Purchase	238.20	476.40	545.86
Tilton		222.50	445.00	202.29
Whitman	Acushnet Ave. to Bowditch	597.20	1,532.81	1,560.26
Labor on tarvia, lighting and mis. accounts		.....	.....	4,448.77
		23,234.90	54,220.17	$60,055.99

Average Cost per sq. yd. $1.06.

* Unfinished.

STONE CRUSHERS.

	Tons	Total Tons
CENTER CRUSHER:		
Stone on hand Dec. 1, 1914	961	
Stone bought in 1915	30,941	
Stone received from City work	4,290	
		36,192
SOUTH CRUSHER:		
Stone on hand Dec 1, 1914	2,000	
Stone bought in 1915	7,197	
Stone received from City work	182	
		9,379
NORTH CRUSHER:		
Stone on hand Dec. 1, 1914	1,009	
Stone bought in 1915	7,679	
Stone received from City work	561	
		9,249
Total amount of stone at the three crushers		54,820
Crushed stone on hand Dec. 2, 1915:		
Center Crusher	100	
South Crusher	15	
North Crusher	75	
		190
Amount of stone crushed during the year		54,630
Total cost of crushed stone	$54,867.59	
Cost per ton	1.03	

Highway Improvement Account.

HIGHWAY IMPROVEMENT, NO. 1, 2, 3.

Appropriation	$210,000.00
Receipts	23,524.86
Total	$233,524.86
Expended	224,592.99
Balance	$ 8,931.87

EXPENDITURES

Curbing	$ 17,164.16
Gutters	6,210.92
Granolithic walks	24,162.75
Endurite	874.10
Granite block paving	67,551.47
Concrete pavement	666.14
Bituminous concrete	31,989.15
Wood block pavement	50,736.96
Filling and Grading	18,517.11
Widening Sixth St., Elm to Middle	563.99
Equipment	2,110.00
Charges and service transfers partly returned by receipts	4,046.24
	$224,592.99

BITUMINOUS CONCRETE PAVEMENT.

Street	Location	Sq. Yards	Cost
*Dartmouth	Rockdale Ave. to Cemetery	4,047.00	$ 8,173.03
Kempton	County to Summer	635.00	998.77
	Mill to City Line	6,733.00	14,113.77
Second	Grinnell to Howland	1,376.00	2,398.04
Labor—Asphalt Plant Supplies			3,752.67
Service Transfers			99.00
Curbing—Kempton St			525.21
Curbing—Dartmouth St			1,006.84
Miscellaneous Charges—Supervision and Tools			921.82
		12,791.00	$ 31,989.15

* Incomplete.

CONCRETE PAVEMENT

Sears' Court	Purchase to Pleasant	261.00	$ 666.14

ENDURITE PAVEMENT

Pleasant	Elm to Middle	426.00	$ 874.10

(Contract Work—Surface Only)

WIDENING SIXTH ST.

Sixth	Elm to Middle	.....	$ 563.99

GRANITE BLOCK PAVING

Street	Location	Sq. Yds.	Cost
Brock Ave.	W. of Bonney	220.00	$ 865.80
Coffin Street	E. of Water	1,122.00	2,781.18
Kempton "	Acush. Ave. to Purchase	462.00	
	Purchase to County	2,498.00	9,946.21
Middle "	Second to Purchase	1,233.00	4,325.22
Manomet "	E. of Riverside Ave.	799.00	2,237.77
School "	Water to Second	1,032.00	
	Second to Acushnet Ave	507.00	3,508.12
	Acushnet Ave. to Purchase	419.00	1,584.62
Second "	South to Grinnell	1,205.00	
	Howland to Madison	4,197.00	22,766.28
Weld "	Purchase to Pleasant	1,294.00	2,956.00
Willis "	Acushnet Ave. to Pleasant	1,200.00	3,898.52
Water "	Spring to Madison	2,378.00	10,731.08
Miscell. charges — Tools and supervision.....			1,950.67
		18,566.00	$ 67,551.47

Average cost per sq. yd. $3.64

UNION STREET WIDENING.

Union Street	Purchase to Sixth	1,559.00	$5,649.59

WOOD BLOCK PAVEMENT.

Street	Location	Sq. Yds.	Cost
* Purchase	So. L of Union to Bedford	7,483.00	$25,313.90
**Purchase	E. S., No. of Maxfield	178.00	967.99
Purchase	Campbell to Weld	5,135.00	20,194.92
**William	Purchase to Pleasant	667.00	2,797.10
Miscell. charges — Tools and supervision			1,463.05
		13,463.00	$50,736.96

* Contract Work.
**Incomplete.

WIDENING PURCHASE STREET

Purchase Street	Union to Elm	1,986.99	$9,706.99

CURBING — NEW — 1915

Street	Location	Length ft.
Acushnet Ave.	Near Brooklawn Park	57.80
	W. S., S. of Phillips Ave.	10.70
	Sq. of Princeton	132.90
	S. W. Cor. School.	15.75
Adams	S. S., E. of Mt. Pleasant	231.75
	S. S., W. of Mt. Pleasant	85.80
Arnold	N. S., James to Rotch	44.70
	N. S., W. of James	95.00
	N. W. Cor. Rounds	12.90
	S. W. Cor. Rounds	12.60
	S. E. Cor. Rounds	13.00
	S. S., W. of Rotch	102.10
	S. S., W. of Tremont	45.85
Armour	E. S., N. of Arnold	42.25
Ashley	E. S., N. of Ruth	121.20
	W. S., N. of Ruth	133.30
Belleville Ave.	W. S., S. of Phillips Ave.	100.20
Belleville Rd.	Acushnet Ave. to Bowditch	78.85
	N. W. Cor. Church	12.40
	S. W. Cor. Church	12.60
	N. W. Cor. Edison	12.20
Bolton Rd.	S. E. Cor. Swift	12.60
	N. E. Cor. Swift	12.75
Bonney	N. E. Cor. Brock Ave.	25.80
	N. E. Cor. Jouvette	12.90
	S. E. Cor. Jouvette	11.30
Brock Ave.	Bonney, West	86.80
Brigham	E. S., S. of Hawthorn	47.00
	E. S., S. of Hawthorn	40.28
Brownell	E. S., N. of Arnold	43.20
	W. S., S. of Carroll	44.30
	W. S., N. from Cor. of Maple	74.50
	W. S., S. of Ryan	52.20
Buttonwood	E. S., S. of Kempton	47.00
Carroll	S. S., Brigham to Brownell	44.00
	N. S., W. of Brigham	127.30
	S. S., W. of Brigham	37.95
	S. S., W. of Brownell	67.10
Chancery	W. S., Union to Arnold	28.30
	W. S., N. of Parker	61.40
	E. S., N. of Tilton	43.70
Cleveland	S. W. Cor. Rodney	8.60
	N. W. Cor. Rodney	9.70
	S. E. Cor. Rodney	12.80
	N. E. Cor. Rodney	11.65
Clifford	S. S., E. of Bowditch	90.00
Clinton	N. S., W. of Brownell	41.30
	N. S., W. of Rotch	44.70
	S. S., E. of Rotch	68.50

CURBING — NEW — CONTINUED

Street	Location	Length
Coffin	S. E. Cor. Water	12.50
	N. E. Cor. Water	8.50
	S. S., E. of Water	87.70
	N. S., E. of Water	288.90
	S. W. Cor. of Water	10.75
	N. W. Cor. of Water	12.40
	N. S., E. of Water	12.55
Coggeshall	N. S., E. of Mt. Pleasant	141.40
	S. S., E. of Mt. Pleasant	97.20
	S. S., W. of Summer	44.20
Collette	S. S., E. of Acushnet Ave.	143.00
Columbia	S. of Allen	39.80
	W. S., S. of Allen	39.80
Concord	E. S., N. of Princeton	75.60
Cottage	E. S., N. of Robeson	47.70
	W. S., S. of Robeson	41.85
County	E. S., S. of Blackmer	32.95
	E. S., Elm to Middle	15.60
Court	S. S., W. of Rotch	84.30
Crapo	N. W. Cor. Jouvette	14.00
Dartmouth	E. S., Dunbar to Swift	86.80
	W. S., Edward to Babbitt	192.40
	N. E. Cor. Fruit	12.69
	S. E. Cor. Fruit	12.62
	E. S., Fruit to Thompson	273.16
	N. W. Cor. Hollyhock	18.46
	W. S., Hollyhock to Stowell	158.70
	N. E. Cor. Jenkins	12.80
	S. E. Cor. Jenkins	13.25
	N. E. Cor. Rockdale	26.29
	N. E. Cor. Larch	12.33
	S. E. Cor. Larch	12.75
Dartmouth	E. S., Larch to Rivet	159.40
	W. S., Mathew to Hollyhock	96.50
	N. E. Cor. Rivet	12.72
	E. S., Rockdale Ave. to Jenkins	786.80
	E. S., Jenkins to Sagamore	166.40
	E. S., Rivet to Fruit	160.40
	E. S., Sagamore to Sidney	164.10
	E. S., N. of Sagamore	9.76
	S. E. Cor. Sagamore	12.85
	S. E. Cor. Sidney	12.45
	N. E. Cor. Sagamore	12.76
	N. W. Cor. Stowell	8.35
	W. S., Stowell to Edward	222.60
	S. E. Cor. Swift	12.58
	N. E. Cor. Swift	12.80
	E. S., Swift to Larch	154.70
	N. E. Cor. Thompson	12.63

CURBING — NEW —Continued

Street	Location	Length
Dartmouth	S. E. Cor. Thompson	12.63
	E. S., N. of Thompson	104.50
	W. S., N. of Weaver	560.00
Davis	N. S., W. of Diman	171.20
Diman	W. S., Davis to Earle	180.46
Dudley	S. S., E. of Brock Ave.	29.90
Earle	S. S., W. of Diman	149.22
Ellen	S. S., W. of Brock Ave.	49.20
	S. E. Cor. Freeman	14.60
Emerson	E. S., S. from Cor. Sycamore	88.4
Eugenia	S. S., W. of Bowditch	181.70
	N. E. Cor. Brook	12.50
	S. E. Cor. Brook	13.20
First	E. S., N. of Grinnell	27.75
Florence	E. S., S. of Elm	28.20
Glennon	N. E. Cor. Edison	12.50
	S. E. Cor. Edison	8.10
Hathaway	S. S., E. of Brook	102.10
Hawthorn	S. S., W. of Brigham	36.70
	S. S., E. of Brigham	47.00
Hillman	N. S., Foster to State	112.45
Hussey	E. S., S. of Kempton	103.50
Hussey	E. S.,N. of Lake	44.80
Irving	W. S., Hawthorn to Clinton	86.25
James	W. S., N. of Arnold	15.30
Jenney	S. E. Cor. Hillman	12.20
	N. E. Cor. North	12.70
Jouvette	N. S., W. of County	61.70
Junior	W. S., N. of Arnold	61.15
	W. S., N. of Arnold	52.85
Kane	N. W. Cor.Bolton Rd.	9.30
	S. E. Cor. Hemlock	12.60
	N. E. Cor. Hemlock	12.40
Keene	N. S., Park to Hussey	38.60
Kempton	S. S., Buttonwood to Hussey	81.00
	S. E. Cor.County	12.80
	N. E. Cor. County	12.80
	S. S., County to Summer	208.00
	N. W. Cor. Crescent Mill	14.90
	N. W. Cor. Crescent Mill	9.30
	N. E. Cor. Hill	13.00
	N. S., Hill to County	352.55
	S. S., Hill to County	345.45
	S. S., W. of Hussey	52.80
	S. S., E. of Hussey	58.50
	N. S., Jenny Lind to Cemetery	912.00
	N. S., Jenny Lind to Cemetery	602.10
	N. S., Jenny Lind, easterly	89.65
	N. S., Jenny Lind, easterly	43.15

CURBING — NEW — CONTINUED

Street	Location	Length
Kempton	N. S., at Cemetery Gate	30.50
	Cor. of Mill	2.60
	S. S., Purchase to Pleasant	155.40
	N. E. Cor Summer	12.80
	S. E. Cor. Summer	12.50
	N. S., Watson to Jenny Lind	240.80
Linden	N. S., County to State	133.95
Madison	N. S., County to Seventh	25.25
	S. W. Cor. Purchase	29.00
Manomet	S. S., E. of Riverside	263.50
	N. S., E. of Riverside	233.10
	N. E. Cor. Riverside	11.20
Maple	N. S., W. from Cor. of Brownell	47.00
	N. S., W. from Cor. of Brownell	46.60
	S. S., Rotch to James	56.90
	S. S., E. of Rotch	45.00
	S. S., E. of Rotch	45.00
Mapleview Ter.	Both Sides	426.90
Mechanics Lane	West of Purchase	58.20
	S. S., W. of Purchase	61.45
Metcalf	E. S., N. of Tarkiln Hill Rd.	5.70
Mill	S. E. Cor. Cook	12.70
	N. S., Kempton, Easterly	64.65
	James to Lindsey	167.30
Mt. Pleasant	E. S., S. of Adams	150.20
	W. S., N. of Adams	85.35
	E. S., S. of Coggeshall	52.30
	E. S., N. of Coggeshall	42.85
	S. E. Cor. Coggeshall	14.30
	S. of Sawyer	85.35
Mt. Vernon	S. S., E. of Richmond	47.80
	S. S., W. of Richmond	89.60
North	N. S., E. of Kempton	30.70
Palmer	E. S., N. of Arnold	88.40
	E. S., S. of Ryan	55.10
Park	S. W. Cor. Smith	12.90
	W. S., S. Smith	47.60
	W. S., Sycamore to Smith	54.40
	E. S., N. of Sycamore	26.30
Penniman	N. S., E. of Summer	100.40
Phillips Ave.	S. S., W. of Acushnet Ave.	108.30
Pierce	W. S., N. of Court	42.00
Plymouth	N. S., W. of Brownell	105.80
	S. S., Brigham to Brownell	42.80
	S. S., Brownell to Palmer	45.50
	N. S., W. of Palmer	43.00
Pope	N. S., W. of County	23.70
Princeton	N. S., W. of Acushnet Ave.	44.90
	N. S., W. of Acushnet Ave.	44.60

CURBING — NEW — CONTINUED

Street	Location	Length
Princeton	S. S., W. of Acushnet Ave.	42.16
	S. W. Cor. Arlington	12.80
	S. E. Cor. Arlington	12.80
	S. W. Cor. Concord	12.80
	S. E. Cor. Concord	12.80
	N. S., E. of Concord	42.80
Priscilla	N. E. Cor. Gould	50.70
	S. S., W. of West	48.20
Purchase	S. E. Cor. Elm	15.50
	N. E. Cor. Madison	12.00
	W. S.,S. of Mechanics Lane	49.80
	N. W. Cor. Russell	1.64
	N. E. Cor. Russell	13.00
	W. S., Bedford to Russell	214.80
	E. S., Russell to Bedford	291.68
	S. E. Cor. Russell	13.00
	E. S., School to Walnut	217.50
	E. S., N. of School	7.70
	N. E. Cor. School	13.00
	W. S., Spring to Union	106.40
	N. E. Cor. Union	15.70
	W. S., S. of Union	92.00
	W. S., Union to Sears Ct.	41.30
	E. S., Walnut and Madison	245.15
	S. E. Cor.Wamsutta	12.70
	E. S., S. of Wamsutta	2.40
	N. E. Cor. William	16.25
	E. S., Elm to William	294.00
	S. W. Cor. William	16.10
	N. W. Cor. William	16.30
	S. E. Cor. William	15.70
	W. S., William to Sears Ct.	82.50
	E. S., William to Union	359.62
	W. S., N. of William	86.25
	W. S., S. of William	68.30
Query	S. W. Cor. Edison	12.95
	S. E. Cor.Edison	12.70
Reed	W. S., S. of Union	43.65
	W. S., S. of Union	45.15
	E. S., S. of Union	46.46
Rockdale Ave.	S. W. Cor. Court	12.50
	S. E. Cor. Court	12.50
	S. E. Cor. Kempton	12.80
Ruth	N. S., W. of Ashley	89.25
Rotch	E. S., S. of Clinton	74.80
	W. S., S. of Court	92.00
	E. S., Hawthorn to Maple	48.35
Rounds	W. S. Union to Arnold	83.24
	E. S., Union to Court	42.60
	W. S., Arnold to Union	82.65

CURBING — NEW — CONTINUED

Street	Location	Length
Ryan	S. S., W. of Brownell	84.30
	S. S., E. of Palmer	42.70
Sagamore	N. W. Cor. Hemlock	9.60
	S. W. Cor. Hemlock	12.85
School	N. S., Acushnet Av. to Purchase	181.90
	S. S., Acushnet Av. to Purchase	156.10
	S. W. Cor. Acushnet Ave.	15.70
	N. W. Cor. First	12.90
	N. S., First to Second	100.95
	N. E. Cor. Purchase	15.70
Second	N. W. Cor. Cannon	12.80
	W. S., Cannon to Madison	34.70
	N. W. Cor. Howland	11.30
	S. W. Cor. Madison	13.00
Sixth	E. S., Elm to Middle	177.70
Spencer	E. S., S. of Parker	28.40
	E. S., S. of Parker	116.60
	W. S., S. of Parker	139.00
Stackhouse	N. E. Cor. Rockdale Ave.	8.60
Summer	N. W. Cor. Coggeshall	14.50
	E. S., Linden to Durfee Ct.	49.40
	E. S., N. of Penniman	100.35
Swift	S. S., E. of Dartmouth	7.05
Sycamore	S. S., E. from Cor. Emerson	67.70
	S. E. Cor. Emerson	12.80
Taber	S. S., W. of West	5.10
Tarkiln Hill Rd.	N. S., E. of Metcalf	58.80
	N. E. Cor. Metcalf	12.60
Tremont	E. S., at No. 102	91.50
	E. S., Union to Arnold	53.50
	W. S., Union to Arnold	53.40
	E. S., N. of Maple	65.55
	E. S., S. of Union	54.95
Union	S. S., W. of Purchase	124.70
	N. S., E. of Sixth	26.60
U. S. Post Office	Rear, Sixth	103.00
Valentine	N. S., E. of W. French Ave.	108.00
Walden	E. S., N. of Hillman	25.00
Walnut	N. S., W. of Pleasant	20.20
Wamsutta	S. S., E. of Purchase	23.80
	S. S., E. of Purchase	21.40
Water	E. S., S. of Gifford	28.55
	E. S., N. of Hamilton	62.20
	S. E. Cor. Hamilton	13.00
	N. E. Cor. Hamilton	13.20
West	W. S., S. from Cor. of Taber	77.60
W. French Ave.	E. S., N. of Valentine	90.40
	N. E. Cor. Valentine	13.00

CURBING — NEW — CONTINUED

Street	Location	Length
Whitman	N. S., Acush. Ave. to Bowditch	139.30
William	N. S., County to Sixth	5.50
		21,622.44

Total cost of new curbing	$17,164.16
Cost per foot	0.91
Cost per foot of stone	0.53

GUTTERS — NEW — 1915

Street	Location	Length Feet	Area Sq. Yds.
Acushnet Ave.	Near Brooklawn Park	141.50	47.10
Arnold	N. S., Rounds to Palmer	80.00	26.66
	S. S., W. of Brownell	192.80	64.26
Bolton Rd.	E. S., at Swift	32.00	12.04
Brock Ave.	N. S., W. of Bonney	1,077.80	406.30
Clinton	B. S., W. of Brownell	158.50	61.64
Coggeshall	B. S., W. of Summer	685.90	266.08
	N. S., Myrtle to Summer	334.70	130.16
Cook	W. S., Mill to Kempton	165.00	45.80
Edison	B. S., Belle. Ave. to Query	1,048.70	407.82
Eugenia	B. S., W. of Bowditch	1,260.40	490.16
Hawthorn	B. S., Tremont to Rotch	872.50	290.82
Ingraham*	E. of Acushnet Ave.	142.50	55.41
Jenney	B. S., North to Hillman	419.60	139.86
Jouvette	B. S., Crapo to Bonney	502.40	195.36
Kane	B. S., Bolton to Hemlock	835.00	278.20
Mapleview Terrace	B. S., W. of Tremont	426.90	142.20
Middle	B. S., Pleasant to Sixth	497.70	165.90
Mt. Vernon	At Shawmut Ave.	31.60	14.05
Myrtle	W. S., Sawyer to Adams	222.00	74.00
Perry	N. S., E. of Acushnet Ave.	192.00	74.60
Princeton	B. S., Acush. Ave. to Bowditch	3,505.50	1,557.97
	Around Cor. of Concord	97.70	32.56
Riverside Ave.	E. S., N. of Manomet	556.60	205.34
Rockdale Ave.	E. S., Lake to Kempton	661.50	294.00
	S. of Kempton	604.50	268.60
	N. S., Stackhouse to Bank	80.00	31.11
	E. S., Union to Court	332.20	129.17
Sixth	E. S., Elm to Middle	178.50	59.50
Spencer	B. S., Parker to Willis	588.00	196.00
Stackhouse	B. S., N. of Rockdale Ave.	1,520.50	506.80
Weaver	B. S., Dartmouth to Field	455.40	177.10
W. French Ave.	W. S., S. of David	259.40	100.88
	E. S., N. of Valentine	240.50	80.17
Whitman	B. S., W. of Acushnet Ave.	1,147.00	446.10
		20,036.30	7,605.82

Total cost of new gutters $6,210.92
Cost per square yard 0.77
Cost per lineal foot 0.29

FILLING AND GRADING

Street	Location	Cost
Arlington	Query to Irvington	$ 142.76
Armour		73.93
Arnold	Rotch to Palmer	95.29
Bolton		174.01
B'wditch & L'rence		1,807.86
Brock Ave.	Bonney to Orchard	159.34
Carlisle	West of Bowditch	539.28
Caroline	North of Durfee	216.37
Chancery & Tilton		80.11
Charles	East of Brock Ave.	918.79
Church	North of Nash Rd.	211.14
	North of Belleville Rd.	113.53
	North of Tarkiln Hill Rd.	156.88
Cleveland	Clara to Butler	206.73
Clinton	East and west of Reed	88.18
Coggeshall	Myrtle to Mt. Pleasant	173.51
Concord	Shaw to Irvington	70.75
Cook	Kempton to Mill	91.43
Court	East of Rockdale Ave.	62.72
Dartmouth	Rivet to Spooner	481.03
DeWolf		62.47
Diman		84.90
Edison	North of Belleville Rd.	478.06
Ellen		407.89
Eugenia	Bowditch to Brook	464.42
Garfield	Myrtle to Ashland	145.97
Hall	Corner Rockland	308.40
Hawes	North of Tarkiln Hill Rd.	137.95
Hillman	Rockdale Ave. to Jenny Lind	143.67
Ingraham	Kearsarge to Acushnet Ave.	636.97
James		112.08
Jenney		231.33
Kane	East of Hemlock	131.10
Kempton & Oneida		115.66
Kings Highway		69.75
Maple		109.80
Mill	East of Rockdale Ave.	293.34
Mt. Vernon	West of Shawmut Ave.	236.04
Myrtle	Peckham to Sawyer	73.23
Palmer	Union to Arnold	707.26
Princeton	West of Acushnet Ave.	541.15
Prospect	South of Potomska	256.03
Reed	Allen to Hawthorn	1,657.24
	South of Arnold	237.05
	South of Kempton	56.12
Riverside Ave.		66.94

FILLING AND GRADING — CONTINUED

Street	Location	Cost
Rockdale Ave.	Sq. Kempton and south of Kempton	282.27
	North of Hawthorn	527.53
Rodney	Brock Ave. to Cleveland	89.19
Rounds	Court to Arnold	98.00
Stackhouse	Rockdale Ave. to Mathews	1,271.25
Stapleton		79.58
Stephen	Mathew to Rockdale Ave.	405.32
Tarkiln Hill Rd.	Bowditch to Lawrence	553.10
Union	West of Reed	55.39
West Elm	Reed to Rockdale Ave.	172.41
West French Ave.		321.88
Wood	East of Acushnet Ave.	71.37
Sundry	Costing less than $50.00	429.12
Miscellaneous	Charges	532.24
		$18,517.11

GRANOLITHIC — 1915

Street	Location	Area Sq. Yds.
Acushnet Ave.	E S -S Earle	47.81
Acushnet Ave.	S E cor Collette	148.42
Acushnet Ave.	N E cor Hicks	51.98
Acushnet Ave.	E S -N Hicks	62.62
Acushnet Ave.	S W cor Phillips	201.08
Adams	S S -E Highland	27.30
Adams	S S -E Highland	27.10
Adams	S E cor Mt. Pleasant	185.62
Adams	S S -E Mt. Pleasant	28.25
Acushnet Ave.	E S -N Kempton	16.62
Allen	No. 167	25.56
Armour	No. 82	24.14
Armour	E S -S Union	26.51
Arnold	No. 321	26.44
Arnold	N W cor James	60.11
Arnold	S S -W Rotch	24.19
Arnold	S S -W Rotch	25.26
Arnold	S S -W Tremont	22.69
Arnold Place	No. 23	33.40
Arnold Place	No. 29	36.86
Ashley	N Ruth No. 26	45.24
Ashley	N Ruth No. 28	45.26
Ashley	No. 29-31	56.14
Ashley	No. 30	42.75
Bay	N S -W Dartmouth	24.56
Bay	N S -W Dartmouth	22.23
Bay	N S -E Cottage	32.60
Bay	N S -W Dartmouth	21.54
Bedford	No. 129	33.85
Belleville Ave.	No. 425-433	149.24
Belleville Rd.	N S -W Acushnet Ave.	47.69
Belleville Rd.	S S -W Acushnet Ave.	4.70
Bridge Park		19.74
Brownell	W S -S Carroll	29.86
Brownell } Ryan }	W S -S Ryan	92.75
Brownell	No. 200	27.95
Bullock	No. 29	28.56
Buttonwood	No. 15	29.82
Buttonwood	No. 28	29.73
Buttonwood	No. 30	28.73
Campbell	N S -W County	7.77
Carroll	No. 47	28.36
Carroll	No. 51	29.00
Carroll	No. 55	27.51
Carroll	S S -W Brigham	27.33
Carroll	S S -W Brigham	26.16
Carroll	S S -W Brownell	59.32

GRANOLITHIC — CONTINUED

Street	Location	Area Sq. Yds.
Chancery	N Arnold No. 73	31.04
Chancery	No. 471	27.54
Chancery	No. 129-131	34.04
Clifford	No. 104	27.20
Clifford	S S -W Acushnet No. 100	26.42
Clinton	No. 383	34.79
Clinton	N S -E Brownell	24.03
Clinton	S E cor Rotch	101.91
Coggeshall	S S -W Summer	29.72
Collette	S S -E Acushnet Ave.	165.35
Columbia	W S -S Allen	27.31
Columbia	No. 45	31.01
Cottage	No. 528	39.81
Cottage	No. 573	40.72
Cottage	E S -N Morgan	38.18
County	N E cor Linden	307.92
County	W S -S Weld	42.77
County	No. 71-73	111.76
County	No. 122-124	106.19
County	No. 691	89.37
County	No. 695	90.46
County	W S -N Madison	4.23
County	W S -S South	51.39
Court	S S -W County	3.03
Court	S S -W Rotch	29.95
Dudley	No. 40	28.79
Earle	N S -E Acushnet Ave.	76.04
Earle, Davis, Diman		387.61
Ellen	S E cor Freeman	34.07
Elm	N S -W Cottage	34.61
Elm	N S -Sixth to Eighth	5.92
Elm	No. 159	51.11
Elm	No. 163-165	47.42
Elm	No. 169	37.29
Elm	No. 171	43.08
Eugenia	S S -W Bowditch	119.39
First	W S -Howland South	37.79
Florence	No. 36	23.32
Grinnell	N E cor First No. 77	117.78
Hathaway	No. 168	64.00
Hawthorn	S E cor Brigham No. 203	103.86
Hawthorn	S S -W Brigham	40.06
Hawthorn	S S -E Brigham	33.90
Hillman	E State No. 71-73	137.89
Howland	S E cor Second	5.88
Howland	S W cor Second	4.13
Hussey	E S -N Lake	27.60

GRANOLITHIC — Continued

Street	Location	Area Sq. Yds.
Irving	W S -N Hawthorn	83.76
Junior	W S -N Arnold	26.52
Junior	W S -N Arnold	26.89
Keene	N S -E Liberty	27.98
Kempton	S E cor Hussey	91.00
Kempton	W Hussey No. 926	43.45
Kempton	W Chestnut No. 333	3.37
Kempton	S S -E Buttonwood	18.92
Kempton	No. 934-936	33.67
Lincoln	W S No. 25	33.10
Madison	S S -W County	9.29
Madison	S S -E Purchase	13.15
Maple	N W cor Brownell	86.96
Maple	W Brownell No. 293	30.73
Maple	S S -E Rotch	30.30
Maple	S S -E Rotch	30.19
Mapleview Ter.	No. 15	15.07
Mechanics Lane	N S Pleasant to Sixth	15.37
Mill	S S James to Lindsey	102.77
Morgan	W County	8.75
Mt. Pleasant	E S -S Adams	32.13
Mt. Pleasant	N Adams No. 233-235	94.71
Mt. Pleasant	S E cor Coggeshall	104.18
Mt. Pleasant	E S -S Sawyer	48.39
Mt. Pleasant }	No. 212-214	
Coggeshall }	N E cor Mt. Pleasant	116.60
Mt. Vernon	No. 72	33.28
Mt. Vernon	S S -W Richmond	21.86
Mt. Vernon	S S -W Richmond	28.38
Palmer	S Union No. 196	27.86
Palmer	E S -S Union	35.89
Park	N Sycamore No. 402	25.99
Park	No. 407	29.69
Park	S W cor Smith No. 413	32.63
Parker	S E cor Spencer	57.42
Pierce	W S -N Court	22.15
Pleasant	E S -S Sears Ct.	23.84
Pleasant	E S at Sears Ct.	11.56
Pleasant	E S at Sears Ct.	25.31
Pleasant	W S Elm to Mechanics Lane	146.12
Plymouth	No. 55	27.23
Plymouth	S S -W Brigham	24.18
Plymouth	S S -W Brownell	29.97
Plymouth	N W cor Palmer	38.66
Pope	No. 227	34.18
Princeton	E Bowditch No. 144	26.46
Princeton	E Bowditch No. 155	26.66
Princeton	E Bowditch No. 171	27.43
Princeton	N E cor Concord No. 71	86.39

GRANOLITHIC — CONTINUED

Street	Location	Area Sq. Yds.
Priscilla	W of West street No. 2	30.32
Priscilla	N E cor Gould	30.14
Purchase	W S School to Spring	11.29
Purchase	E S -S Wamsutta	71.44
Purchase	W S -S Nausett	65.24
Purchase	W S Union to Spring	116.70
Reed	W S -N Elm	10.34
Reed	W S -S Union	27.94
Reed	E S -S Union	29.38
Reed	W S -S Union	26.29
Richmond	N Robeson No. 87	30.18
Richmond	S Willow No. 91	31.42
Rivet	S E cor Bonney	271.65
Rotch	S W cor Court	86.81
Rotch	E S -N Hawthorn	37.84
Rounds	W S -N Arnold	47.11
Rounds	N Court No. 81	21.98
Rounds	N Court No. 85	22.23
Rounds	N Union No. 120	23.95
Rounds	N Arnold	25.89
Rounds	N Arnold	24.70
Ruth	N W cor Ashley No. 89	145.93
Ryan	S E cor Palmer	64.86
School	No. 108	29.41
Social	N S -W McGurk	30.19
Spencer	S S -S Parker	26.62
Spencer	No. 17-19	83.18
Spring	S S -W Purchase	99.90
Spring	N W cor Purchase	83.67
Sycamore	S E cor Emerson	109.43
Summer	N Merrimac No.304	39.47
Summer	S Durfee	24.69
Summer	N E cor Penniman	138.09
Swift	S S -E Dartmouth	13.30
Tallman	S W cor Front	192.02
Tallman	S S -W Acushnet	2.65
Tarkiln Hill Rd.	No. 239	46.56
Tremont	E S -N Arnold	25.35
Tremont	S E cor Maple	29.92
Tremont	S Union No. 106-108	28.32
Union	No. 558-560	32.34
Walnut	No. 80	1.60
Water	W S -N Cove	34.21
Water	S W cor Delano	123.61
Water	S Gifford No. 1012	49.35
So. Water	No. 1031-1033-1035	39.93
So. Water	N. 557	39.54
West	S W cor Taber	58.98
W. French Ave.	N E cor Valentine	148.89

GRANOLITHIC — CONTINUED

Street	Location	Area Sq. Yds.
Whitman	W Acushnet Ave. No. 183	31.80
Whitman	W Acushnet Ave. No. 185	31.93
Whitman	W Acushnet Ave. No. 189	38.00
William	No. 175	35.41
William	S S -W Purchase	35.20
William	S S Purchase to Pleasant	49.54
Willis	N E cor Spencer	93.24
Widenings	Purchase—W S at Mechanics	21.32
	Purchase—E S William to Elm	97.00
	Purchase—W S William south	34.01
	Purchase—W S Wm. & Union	102.77
	Purchase—E S Wm. & Union	117.56
	Union—S S -W Purchase	102.74
Intercep. Sewer	Second—W S Grinnell-Howland	473.35
	Second—E S Grinnell-Howland	442.44
	Water—E S Elm north	50.09
	Water—E S Rodman-Elm	174.52
		11,784.29

Contracted Bills—Laying Granolithic	$10,605.87
Miscellaneous	12.45
Driveways—Extra thickness	83.08
	$10,701.40
Labor Excavating—Preparing foundation, tools and supervision for 11,784.29 square yards	13,461.35
Total cost	$24,162.75
Average cost per square yard	$2.05

Bridges.

BRIDGES.

Appropriation	$10,000.00
Expenditures	11,860.23
Dr. Balance	$1,860.23

* Total expenditure of N. B. & F. Draw Bridge,	$ 11,453.73
** Total expenditure of Coggeshall St. Bridge,	406.50
	$11,860.23

* One-fifth share to Town of Fairhaven,	$ 2,290.75
** One-fourth share to Town of Fairhaven,	101.62

ANNUAL REPORT OF THE NEW BEDFORD AND FAIRHAVEN DRAWBRIDGE.

Year Ending December 31, 1915.

1915	Boats	Tow Boats	Barges	Schooners	Steamers	Vessels	No. of Openings	Tonnage	Miscellaneous
January	27	86	31	0	17	161	110	24,450	
February,	21	94	35	4	11	165	111	28,950	600 bbl. oil.
March,	112	110	42	8	13	285	214	35,400	
April,	209	82	31	4	11	337	170	21,500	
May,	237	92	31	3	10	373	312	24,500	
June,	207	106	33	5	22	373	302	21,600	400 tons wood blocks 600,000 feet lumber
July,	189	86	23	4	24	326	256	24,600	100 tons gravel
August,	231	108	36	2	16	393	311	30,200	600 tons wood blocks
September,	304	168	64	2	16	554	392	37,850	650 bbl. oil.
October,	247	168	82	2	26	525	360	31,700	300 tons tile 2000 tons crushed stone
November,	140	200	79	2	23	444	312	34,600	3400 tons crushed stone 800 tons sand
December,	44	144	63	2	24	277	192	30,700	1350 tons crushed stone 750 tons sand
Total	1968	1444	550	38	213	4213	3042	346,050	20 cargoes, 12,100 tons

Forestry.

CITY FORESTRY.

Appropriation	$5,500.00
Expenditures	5,538.68
Dr. Balance	$38.68

EXPENDITURES.

Cutting, spraying, removing and trimming trees,	$3,466.14	
Brown Tail moth hunting,	249.13	
Tree planting, (labor)	623.39	
Gypsy moth hunting	121.38	
Supplies, repairing tools, etc.	1,078.74	
		$5,538.68

Sewers and Drains.

SEWERS AND DRAINS.

Appropriation	$15,000.00	
Receipts	28,698.88	
		$43,698.88
Expenditures		47,523.99
Dr. Balance,		3,825.11

NET EXPENDITURES.

Appropriation,	$15,000.00
Dr. Balance,	3,825.11
	$18,825.11

GROSS EXPENDITURES.

		Total.
Auto truck,		$1,975.08
Boiler Repairs,		17.41
Catch-Basins cleaned,		8,596.62
Catch-Basins Repaired,		561.34
Culverts, repaired		38.39
Culverts, cleaned		41.52
Culverts, new		141.99
Eyeholes, repaired,		32.12
Eyeholes, new		1,025.74
Manholes, repaired		143.70
Manholes, cleaned		2.77
Manholes, new		71.97
Main and Stable Office work		1,783.22
Miscellaneous,		557.74
Rebates,		50.00
Sewers cleaned		150.38
Sewers repaired		167.01
Surface Drains	512.11	
Liberty St. Drain	329.98	842.09
Surface Drains cleared		21.56
Surface Drains repaired		77.36
Stock, Carting and Handling		316.58
Sewer Machinery repairs,		1,392.97
Tools, new and repaired		964.13
Drains, to Houses, new, repaired, and cleared		16,122.05
Stock, Labor and Supplies on hand		12,430.25
		$47,523.99

DRAINS LAID.

Number	Size Pipe	Length Feet	Cost
1	5 inch	100	$ 90.16
437	6 inch	15,143	9,148.17
5	8 inch	128	489.58
1	10 inch	14	279.05
444		15,385	$10,006.96

New drains laid, cost,.....	$10,006.96
349 drains cleared, cost	1,043.70
50 drains repaired, cost.....	669.30
(New, repaired and cleared).....	$11,719.96

Sewer Construction Account.

Street	Location	Type of Construction	Size	Length in Feet	Cost	Total Cost of Sewer
* Aquidneck	W. French Ave. to Brock Ave.	Pipe	12″, 10″ 8″	1,481.00	$ 716.37	Not finished
Buchanan	Summer to Mt. Pleasant	"	10″	389.00	770.34	$ 770.34
Brook	Query to Shaw	"	10″	519.00	1,328.86	1,328.86
Caroline	Durfee St. Northerly	"	10″	462.00	730.65	730.65
** Charles	Brock Ave. Easterly	"	10″	522 00	19.19	567.49
Coggeshall	Myrtle to Mt. Pleasant	"	10″	755.00	1,605.07	1,605.07
David (outlet)	Relocation(part of storm over-flow)	"	12″	218.00	562.13	562.13
Ernest	Belleville rd., Northerly	"	8″	213.00	49.78	644.15
Frederick	In Frederick, Cleveland		33″, 30″, 27″			
	Butler—From Harbor St. to Fern	"	24″, 20″, 15″, 10″	2,305.00	8,686.59	8,686.59
Florence	Middle to Morgan	"	15″, 12″	462.00	906.51	906.51
* Front	Pier 3 to foot of Elm St.	"	36″	531.00	5,848.16	Not finished
Hemlock	Rockdale Ave. Northerly	"	10″	560.00	43.91	1,298.54
Holly	Lowered—E. Line of Acush. Ave. to W.—117 ft.	"	10″	117.00	372.10	372.10
Junior	Arnold to Union	"	10″, 8″	553.00	674.62	674.62
** Irvington	Irvington Ct. to Bowditch	"	15″, 12″, 10″	1,975.00	108.00	6,964.39
* Lake	Buttonwood Park to Jenny Lind	"	10″	529.00	483.76	Not finished
Landry	Wood St., South	"	10″	440.00	656.02	656.02
Lombard	Rockland St. Northerly	"	8″	242.00	575.95	575.95
Maple	Reed to Rockdale Ave.	"	10″	290.00	433.86	433.86
** Mt. Vernon	Bullock to Richmond	"	10″	254.00	61.77	571.02
Orchard—No. 17	Swift to Rivet No. 17	Segmental Blocks	48″	630.00	5,781.42	Not finished
* Orchard—No. 24	Brock Ave., No. (Condenser Water Drain)	Pipe	24″, 18″	1,353.00	3,637.30	3,637.30
Palmer	Arnold St.. No.	"	10″	553.00	802.07	802.07
* Query	Brook St. Easterly	"	8″	266.00	336.69	Not finished
** Rochambeau	260′ N. of Irvington to Carlisle St.	"	10″, 18″	1,145.00	1,066.89	1,598.74
* Rhodes Drain Ext.	Pier 4	"	10″	95.00	286.67	Not finished
* Second	50′ N. of School to Spring	"	24″, 30″	205 00	597.32	Not finished
Shaw	Brook St. Easterly 140 ft.	"	8″	176.00	325.21	325.21
Tripp's Brook Relief Sewer	In Union—Chancery to Park; In Park—West; Newton No. of Court; Newton at Elm; Liberty–Elm 125′ S. of Kempton	Concrete and Pipe	.....	2,240.00	34,389.77	34,389.77
		Total Expenditure.....			$71,856.98	
***Liberty St. Surface Drain	Maxfield to Smith	Pipe	24″	572.00	.....	$1,368.36

* Sewers in construction and carried over to 1916.

** Sewers carried over from 1914 finished in 1915.

***Paid from Sewers and Drains account.

Sewer Loan Account.

CATCH BASINS — NEW

Street	Location	Cost
Acushnet Ave.	N. W. cor. School	$ 62.74
Allen	N. W. cor. County	90.57
	S. W. cor. Rockdale Ave.	105.72
	N. W. cor. West	52.86
Armour	N. E. cor. Arnold	92.64
Arnold	N. E. cor. Brownell	110.91
Brock Ave.	Front of Page Mill (4)	184.58
	N. W. cor. Bonney	80.02
Cleveland	S. W. cor. Clara	101.22
	S. W. cor. Norman	94.98
	S. E. cor. Norman	106.52
	N. E. cor. Norman	93.33
	N. W. cor. Norman	108.56
Coffin Ave.	N. W. cor. Church	93.33
Coggeshall	S. W. cor. Summer	77.85
Collins	N. E. cor. Cedar	75.70
Cove	S. E. cor. Ashley	46.94
	S. E. cor. Cleveland	41.87
	S. E. cor. Harbor	36.71
	S. E. cor. McGurk	44.28
	S. E. cor. Roosevelt	41.88
	S. E. cor. Salisbury	46.10
	S. E. cor. Viall	49.72
Dartmouth	N. W. cor. Mathew	71.50
Diman	N. W. cor. Davis	102.83
Durfee	N. E. cor. Highland	92.74
Elm	N. W. cor. Pleasant	94.94
	N. S., east of Sixth	95.43
	Elm, cor. First	145.93
Foster	S. W. cor. Kempton	51.14
Gifford	S. S., east of Harbor	56.38
Glennon	Head of Edison	98.70
Grinnell	N. W. cor. Purchase	70.05
Hathaway Rd.	S. W. cor. Highland	
	N. W. cor Highland	106.14
Hill	N. W. cor Kempton	81.40
Hillman	S. W. cor. Jenney	84.47
Kempton	S. E. cor Commonwealth	132.22
	West of Watson	67.58
Lake	N. E. cor Jenny Lind	132.89
Madison	S. S., west of Purchase	79.05
Manomet	Near Riverside Ave.	118.05
Maxfield	N. E. cor. Liberty	
	N. W. cor. Liberty	150.47
Mechanics Lane	S. W. cor. Purchase	41.97
Middle	S. W. cor. Pleasant	88.51
Mt. Pleasant	W. S., head of Sawyer	99.86
	S. W. cor. Hathaway Ave. (2)	213.52
North	S. S., west of Rockdale Ave.	124.59

CATCH BASINS — Continued

Street	Location	Cost
North	N. E. cor. Rockdale Ave.	97.76
	N. S., between Rockdale Ave. & Jenny Lind	77.33
Princeton	S. W. cor. Concord	66.98
	N. W. cor Concord	88.39
Purchase	W. S., north of Beacon Mill (2)	177.81
	W. S., Dean-Sawyer	30.55
	S. W. cor. Grinnell	68.56
	N. E. cor. South	44.44
	S. W. cor. William	43.57
Rivet	N. W. cor. Orchard	45.31
Rockdale Ave.	N. W. cor. Lake	78.64
Russell	S. S., west of Purchase	51.82
School	S. S., west of Purchase	81.07
	S. W. cor. Second	84.39
Shore	S. E. cor. Brock Ave.	11.59
Stackhouse	W. S., north of Rockdale Ave.	
	E. S., north of Rockdale Ave.	90.53
Summit	N.W. cor. Mill	44.51
Tallman	S. S., west of Acushnet Ave.	89.78
Tarkiln Hill Rd.	N. S., east of R. R. Tracks	72.84
Water	S. E. cor. Hazzard's Lane	75.93
	E. S., Pine-Leonard	114.32
West	E. S., Bedford-Elizabeth	41.98
W. French Ave.	S. E. cor. Cove (2)	285.92
	W. S., south of David	78.00
	E. S., south of David	109.85
	N. E. cor. Valentine	88.67
William	N. W. cor. Purchase	36.46
Willis	N. W. cor. Purchase	98.70
	N. E. cor. Spencer	64.84
Willow	N. E. cor. Cedar	82.55
Wing	N. W. cor. Purchase	10.00
Miscel. Charges		2,072.02
		$8,744.50

Number of Catch Basins built..... 87

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,
March 23, 1916.

Received, ordered printed in the City Documents and sent down for concurrence.

W. H. B. REMINGTON,
City Clerk.

IN COMMON COUNCIL,
March 23, 1916.

Concurred.

CHAS. P. SAWYER,
Clerk.

CITY OF NEW BEDFORD, MASS.

Forty-sixth Annual Report

OF THE

NEW BEDFORD WATER BOARD

TO THE

CITY COUNCIL

CONTAINING

I

THE REPORT OF THE WATER BOARD FOR 1915

II

THE REPORT OF THE WATER REGISTRAR

III

THE REPORT OF THE SUPERINTENDENT

January 1, 1916

NEW BEDFORD, MASS.
E. ANTHONY & SONS, INCORP., PRINTERS.
1916

NEW BEDFORD WATER BOARD

1916

Edward R. Hathaway,	*Mayor of City and President of Water Board.*
John H. Hollihan,	*President of Common Council.*
Frederic H. Taber,	Term expires June, 1916.
Lettice R. Washburn,	Term expires June, 1917.
William H. Pitman,	Term expires June, 1918.

Robert C. P. Coggeshall,	*Clerk of Board and Supt.*
Clifford Baylies,	*Water Registrar.*
Adoniram S. Negus,	*Pumping Engineer.*
John C. DeMello, Jr.,	*Foreman, Distributing System.*
Arthur R. Weeks,	*Superintendent's Clerk.*
Damon W. Rice,	*Clerk.*
Rupert Kobza,	"
Warren Tattersall,	*Bookkeeper.*
Frank M. Hamlin,	*Water Registrar's Clerk.*
Alfred Bradley,	*Clerk.*
John B. Wilbur,	*Inspector.*
Gilbert B. Borden, Jr.,	"
Alonzo W. Spooner,	"
Justin C. Perkins,	"
Arthur F. Colwell,	"
Thomas Rawcliffe,	"
Lester F. Spooner,	"
Henry D. Backus,	"
Robert G. Refuse,	"
George Hutchinson,	"

REPORT

City of New Bedford, Mass.,
Office of the New Bedford Water Board,
January 1, 1916.

To the City Council of the City of New Bedford:

Gentlemen:—In accordance with the provisions of the Water Ordinance, the New Bedford Water Board respectfully submit their forty-sixth annual report. Accompanying it, will be found the reports of the Water Registrar and the Superintendent.

The following abstract, drawn from the report of the Water Registrar, shows the financial operations of the past year in condensed form:

RECEIPTS.

Balance December 1, 1914,		$ 4,241.07
Receipts from water rates,	$304,717.29	
Receipts from other sources,	39,221.50	343,938.79
		$348,179.86

PAYMENTS.

Management and repairs, less interest, bonds paid, and sinking funds,	$117,479.76	
Extension of works,	80,897.97	
Interest paid,	75,300.00	
Interest paid Sylvia Ann Howland fund,	0,000.00	
Bonds paid,	21,000.00	
Sinking funds	27,930.00	322,607.73
Balance December 1, 1915,		25,572.13
		$348,179.86

The actual outlay for the construction of these works, exclusive of debt, interest and management and repairs account is $4,730,909.48.

On June 26th, William H. Pitman was elected a member of this Board for a term of three years ending June, 1918.

On September 23rd, Frederic H. Taber was elected a member of this Board to fill a vacancy caused by the death of Francis P. Washburn for the term ending June, 1916.

Of the forty-five petitions for the extension of main pipes received, forty have been granted, and the main pipes have been extended 3.08 miles.

In the matter of furnishing a supply of water to the Town of Dartmouth, we stated in our last report that on November 4th, 1914, we had sent a copy of a form of proposed agreement to the Water Supply Committee of the Town of Dartmouth for their consideration. On May 21st, a conference was held with a delegation of said Water Supply Committee, at which City Solicitor Woodward was present, for the purpose of adjusting all details covered by said agreement. At a meeting held on July 2nd, the following action was taken:

Voted:—Whereas the City of New Bedford proposes to supply metered water to the Town of Dartmouth, under authority granted by Chapter 188 of Legislative Acts of 1914, and upon the terms and conditions contained in an agreement dated July 1st, 1915, which has been executed between said City of New Bedford and said Town of Dartmouth, it is now,

Ordered:—That the Superintendent be instructed to proceed with the installation of the necessary piping, including the meter installations required to deliver water to the Town of Dartmouth, in Dartmouth Street and Kempton Street, at approximately the boundary line between New Bedford and Dartmouth. After the installation of pipes is completed and all terms and conditions complied with, the Superintendent shall, upon application from the officials of the Town of Dartmouth, deliver the water.

This order has been executed. The installation of piping in the Town of Dartmouth has been made in two sections, one in Dartmouth Street in the vicinity of Bliss Corner, supplied by the Dartmouth Street pipe, which supply was turned on October 1, 1915; the other in Kempton Street in the vicinity of Smith Mills, which supply was turned on November 12, 1915.

On February 5th, a hearing was held before the Legislative Committee on Water Supply at the State House, Boston, on a proposed bill authorizing the City of New Bedford to supply water to the Town of Acushnet. As the proposed bill was drawn in similar form to the enactment in favor of the Town of Dartmouth at the previous session of the Legislature, no objection was offered by the City, who was represented at the hearing by the Clerk of this Board. The following enactment was passed later.

[CHAP. 129.]

AN ACT TO AUTHORIZE THE CITY OF NEW BEDFORD TO SUPPLY WATER TO THE TOWN OF ACUSHNET.

Be it enacted, etc., as follows:

SECTION 1. The city of New Bedford may furnish and sell by meter water to the town of Acushnet at the boundary line between said city and town at a rate to be agreed upon by the city and town, but which shall not be less than that prevailing in New Bedford.

SECTION 2. The town of Acushnet may at its own expense install mains, service pipes and all other equipment in the highways and other places of the town necessary to receive and distribute water purchased from the city of New Bedford. [*Approved March 8, 1915.*

At this date no further move in the direction of introducing water into the Town of Acushnet has been made.

The long drawn out controversy between the United States Engineers and this department in regard to the removal of the syphon pipe upon river bottom, across the draw channel, south of the New Bedford and Fairhaven bridge, which pipe has for many years furnished the water supply to Popes Island, has been brought to a conclusion by the removal of said pipe and the dredging of the bottom to the depth prescribed by the government.

A complete history of this undertaking from the beginning is outlined in our last two annual reports. Last year we reported that the project for tunnelling the draw channel for the purpose of accommodating the passage of cables and pipes of the New Bedford Gas and Edison Light Co., the cables of the Union Street Railway Co., and the

pipes of this department, had, after a long study of the conditions been abandoned, and that the City Engineer had been requested to prepare plans for the installation of a new flexible jointed pipe to be located at sufficient depth to conform with all requirements set forth by the United States Government Engineers.

It was apparent early in the year that the government expected the removal of the pipe in question as speedily as possible as will be seen by the items which follow:

January 26th. Col. John Millis inquires regarding present status of the subject of pipe and when it is likely to be adjusted.

February 15th. Col. John Millis suggests that perhaps it would assist in the solution or facilitate some action if it were made known that the government suspends all channel improvement above the bridge until the pipe question is adjusted.

May 17th. Col. John Millis states that it does not appear profitable to pursue the subject further and accordingly no further (dredging) work at the pipe or above the bridge will be contemplated by the Government until such time as the City may be in position to correct the obstruction caused by the pipe.

May 21st. The New Bedford Water Board

Voted:—That the Superintendent be directed to proceed with the work of installing a proposed intermittent supply for Popes Island, and upon completion of same to remove the pipe upon the river bottom in accordance with plan outlined at this meeting.

July 14th. Superintendent requests permission of Col. Millis to delay removal of pipe for the period required by the Union Street Railway Co. to install salt water fire protection facilities at their car house on Popes Island.

July 23rd. Col. Millis names October 1st as the date that the removal of pipe will be satisfactory to the Government.

August 30th. Contract signed with Frank C. Taylor for a suitable lighter with appurtenances necessary for removal of water pipe from river bottom, including services of diver.

September 27th. Shut off supply on river bottom and commenced to remove pipe.

September 30th. Pipe entirely removed from river bottom.

October 2nd. Contract signed with John R. Burke of Boston, for dredging draw channel at location where pipe was removed, as agreed upon with Col. Sanford in 1908.

October 27th. Dredging contract completed.

December 14th. Under date of December 20th, Col. Millis writes that by direction of the Chief of Engineers and approval of the War Department, the Federal revokable permit issued to this City, August 12th, 1903, to lay a six-inch water main in the Acushnet River from Fish Island to Popes Island, was revoked on December 14th, 1915.

The total cost and maintenance of this Popes Island syphon pipe from the beginning of its service to the time of its complete removal this year has been:

FIRST PIPE 1898—1903.

1898, April-July	Pipe and Installation....	$2,673.55	
1899, April	Repair leaks.....	303.92	
1899, Nov.-Dec.	Repair leaks.....	1,079.54	
1903,	Removing pipe.....	490.30	
			$4,547.31

SECOND PIPE 1903-1915.

1903-1904	Pipe and installation...		$4,571.06	
1905, May	Repair leaks.....		86.30	
1908, October	Repair leaks.....		278.52	
1912, August	Repair leaks.....		697.51	
1915, Sept.	Removing pipe..	$ 262.11		
1915, October	Dredging contract	1,010.80	1,272.91	
			$6,906.30	
	Less value of scrap rescued		79.67	6,826.63
				$11,373.94

The completion of the removal of the pipe from the river bottom, and the dredging of draw channel to a depth satisfactory to the United States Engineers, brings a long standing controversy to a final close.

The placing of a new permanent flexible jointed pipe beneath the river bottom and at a depth sufficient to be well below all government requirements we found to be such an expensive proposition that when we considered the small revenue assured by this supply we decided not to proceed in this direction at present.

As a substitute we have had a temporary intermittent supply placed. This consists of a two inch wrought iron pipe located on the south side of the bridge and crossing the draw. Detachable joints are maintained at both ends of the draw. This small pipe allows only a limited supply and it can be operated only in the night when the draw is not being used. The idea is to fill at night such tanks, cisterns or reservoirs as the users on Popes Island choose to maintain. They to apply this stored water for their daily requirements. This two inch pipe was laid during the summer. It was first used on September 27th. Its installation cost $490.10. This cost includes changes in the brick well in Popes Island abutment, whereby a fire engine may attach suction and obtain a salt water supply through pipe which formerly connected with the fresh water syphon pipe.

In our last report we devoted considerable space to the recommendations offered by State Forester, F. W. Rane, in the direction of suppressing the spread of the gypsy moth within the forest reservations bordering upon the Quittacas Ponds. Immediate action was deemed necessary at that time to prevent the destruction of all the trees. P. D. Kneeland, Assistant State Forester, reports as follows regarding the operations of the past year:

"In view of the serious moth infestation threatened on the lands of the Water Works and after a thorough examination and inspection by the State Forestry Department, it was decided by the Water Department to cooperate with the State Forester in carrying on cutting operations along the lines suggested in the last annual report. These operations had the intention of removing most of the oak from the Water Shed and leaving and encouraging the pine so that in the future no further trouble from the moths could be anticipated, and the land could be put into the best possible condition, both from the forestry and aesthetic standpoints, as well as from the standpoint of conserving the water supply in its purity. The operations

were two fold. They consisted first in lumber and cordwood cutting, and second, in spraying with modern apparatus which was purchased for the purpose, of such oak and infested trees as were left uncut. To carry on the lumber operation a camp was built in regular Maine woods manner, a saw mill hired to put into lumber all the logs which were suitable. The remainder were chopped up into cordwood; about 600,000 feet of lumber were sawed up, much of which has already been sold to the railroads as ties and car stock, and the remainder is now drying in the lumber yard, and will soon be ready for sale. Over 3,000 cords of wood were cut and all of that is now either sold or under contract for sale at a price which will result in a small profit to the Water Works. The brush was all cleaned up and the land left in an orderly condition. It is already springing up to pine in many places, and in other places where it was possible to leave seed trees, it is confidently expected that pine will result. In a few places it will be necessary to plant. This year it is planned to continue the operation so as to complete practically the whole work. Not quite as much lumber or cordwood will be cut this year, but much of it is of better quality and so it is hoped that the operation will yield a larger profit to the city.

When the operation this year is finished, practically the whole area will be cleaned up and the moth problem will be solved. No future work need be expected except in a few cases where it was necessary for reasons of beauty to leave oaks, and also in a few places where brush cutting or planting are indicated.

A short time ago a working plan was made for these lands in which it was planned to accomplish these results in fifteen or twenty years. They are being done instead in two years and the results will be much better.''

At a meeting of this Board held on October 20th, it was decided to continue the work of improving the forestry conditions through the coming winter.

In February last, the State made an appropriation to be distributed throughout the State for the benefit of the needy unemployed class who were willing to accept work upon the State Forest lands. Mr. Kneeland appeared before us with the statement that the State Forester, Mr. Rane, desired to allot a portion of this appropriation to the

work of thinning and clearing up along the roadside on the Quittacas Water Shed. The State to take charge of the hiring and payment of the men, and the City to pay the State $1.50 per cord for each cord that should be produced that way. We accepted this proposition.

Twice, during the year, our opinion has been sought concerning the advisability of using the reservoir on Coggeshall Street for swimming and skating purposes. In both instances we replied at considerable length, stating that such use would render the water totally unfit for distribution to the water takers and consequently should not be considered as it would render useless, a most valuable asset which the City now possesses.

The following are the principal contracts which have been executed this year:

Date. 1915	Contractor.	Supply.	Consideration.
Feb. 8	The J. E. Budlong Press, New Bedford, Mass.	Printing reports	700 complete pamphlets $185.00 400 extra printed sheets $20.00
Feb. 10	Fitzhenry-Guptill Co., Boston, Mass.	Spraying machine.	$1769.00
Mar. 26	E. Anthony & Sons, Inc., New Bedford, Mass.	Printing books, "Location of Stop Gates."	30 complete books $109.00
April 3	Greene & Wood, New Bedford, Mass.	Cypress planks Cypress boards Spruce planks Spruce boards	$51.50 per M. $47.00 per M. $27.00 per M. $27.00 per M.
April 24	The Grasselli Chemical Co., Boston, Mass.	4000 lbs. arsenate of lead	$0.04½ per lb.
June 12	New Bedford Boiler & Machine Co., New Bedford, Mass.	Genuine wrought iron galvanized pipe	19 34/100c per lineal foot
July 1	The B. F. Smith Co., New Bedford, Mass.	Repairing chimney	$890.00
July 23	The B. F. Goodrich Co., Boston, Mass.	Rubber jacketed fire hose	70c per lineal foot

Aug. 30	Frank C. Taylor, New Bedford, Mass.	Removal of C. I. pipe from river bottom of channel between Popes & Fish Islands.	Labor per day for operation of lighter $35.00. For diver and necessary apparatus $20.00 per day
Oct. 2	John R. Burke, Boston, Mass.	Dredging	50c per cu. yd. measured in scow
Nov. 10	Donaldson Iron Co., Emaus, Pa.	C. I. pipe and special castings	30″ pipe $25.80 per ton 10″ pipe $27.10 per ton 8″ pipe $27.10 per ton 6″ pipe $27.10 per ton Specials $54.00 per ton
Nov. 22	The Darling Pump & Mfg. Co., Ltd., Williamsport, Pa.	Water valves	24 inch $217.00

On July 12th, a contract was made by the Fuel Committee of the City Council with Garfield & Proctor Coal Co. for fourteen hundred gross tons of best quality Pocahontas coal, for use at the Little Quittacas Pumping Station, the same to be delivered at Braley's Station, at the rate of $4.20 per gross ton.

In Memoriam

FRANCIS PETER WASHBURN.
Born September 23rd, 1842.
Died September 5th, 1915.

WHEREAS, A vacancy has been suddenly created in the membership of this Board by the decease of our highly esteemed associate, Francis P. Washburn.

RESOLVED: That we feel it to be fitting to testify our appreciation of the just conception of official duties and the thoroughness of their discharge which has always characterized Mr. Washburn's actions. Quick to perceive that which public interests required, he was equally prompt in taking measures to secure them. It is simple justice to his memory to record our full conviction of his clear perception, his practical good sense, his fidelity and integrity; and our regret at the loss which the public sustains in the death of so energetic and public-spirited a citizen.

RESOLVED: That in our official and personal relations with Mr. Washburn he has won our affection, respect and esteem by his admirable qualities and cheery disposition. He was always the optimist. The value of such a life is no more to be measured than the sunshine, for like the sunshine it brought joy to those with whom he came in contact and its wholesome influence will endure long beyond the sunset. To us his death is that of the loss of a cherished associate and friend.

RESOLVED: That these resolutions be spread upon the records of this Board, and a copy be transmitted to the family of the deceased.

Respectfully submitted,

Edw. R. Hathaway,
James F. Collins,
Frederic H. Taber,
Lettice R. Washburn,
William H. Pitman.
} *New Bedford Water Board.*

REPORT OF THE WATER REGISTRAR

City of New Bedford,
Water Registrar's Office,
December 1, 1915.

To the New Bedford Water Board:

Gentlemen:—I herewith present to you a detailed statement of the receipts and expenditures of the Water Works Department for the year ending at this date:

RECEIPTS.

Balance December 1, 1914,			$4,241.07
Receipts for Water:			
Rates, domestic meters,	$163,327.18		
Rates, domestic estimated,	832.93		
Rates, building purposes,	1,788.08		
Meter rentals,	11,066.84		
	$177,015.03		
Domestic fixtures rebated,	304.57		
Total domestic,	$176,710.46		
Rates, manufacturing meters,	128,006.83		
		$304,717.29	
Other receipts:			
Services,	$4,529.57		
Mains,	21,733.89		
Meters,	5,057.24		
Mill piping,	394.19		
Lands, buildings, etc.,	273.68		
Gypsy Moth,	5,127.54		
Forestry operations,	1,458.05		
Roads, walls and fences,	102.00		
High Hill reservoir,	10.00		
Workshop,	10.35		
Sealing mill fixtures,	231.10		
Maintenance of horses,	65.45		
Quittacas Pumping Station,	75.07		
Fountains,	4.17		
Fines,	64.00		

Railroad,	60.00		
Miscellaneous,	25.20		
		$39,221.50	$343,938.79
Total,			$348,179.86
Expenditures for the year ending Dec. 1, 1915,			322.607.73
Balance cash in treasury Dec. 1, 1915,			$25,572.13

EXPENDITURES.

Management and Repairs:		
Superintendent's department, salaries,	$10,183.55	
Water Registrar's department, salaries,	12,675.71	
Pumping expenses, engineers, firemen and watchmen:		
Salaries and labor,	$10,224.25	
Fuel,	6,216.15	
Oil, waste, packing and lighting,	584.55	
Tools, and other supplies,	470.24	
Repairs of engines,	202.68	
Repairs of boilers,	186.25	
Other repairs,	2,820.29	
Buildings and grounds,	1,770.21	
Miscellaneous,	206.38	22,681.00
Mains:		
Cast iron pipe,	$3,428.55	
Stop gates,	707.10	
Hydrants,	935.25	
Flushing and inspecting,	792.87	5,863.77
Services:		
Pipe,	$897.74	
Renewing and driving stop-boxes,	500.03	
Clearing stops, taps and pipe,	486.96	
Water cart hydrants,	9.05	1,893.78
Fountains:		896.32
Meters:		5,777.44
General Maintenance:		
Printing, stationery, advertising, and postage,		1,668.66
Carfares, express, telephone, telegraph,		831.93
Horses, carriages and automobiles,		6,902.28
Labor at workshop,		1,860.36
Materials at workshop,		300.33
Fuel and lighting at workshop,		298.42
Repairs, workshop, buildings and pipe yard,		833.02

Miscellaneous,		729.27	
Lands, buildings, taxes,		2,579.18	
Roads, walls, fences,		4,513.08	
Forestry, nursery,		323.40	
Forestry, cutting, planting, etc.,		5,072.10	
Gypsy moth,		22,592.63	
Great Quittacas pond and connection,		32.92	
Little Quittacas pond and intake,		1,655.42	
48-inch steel force main,		206.45	
High Hill reservoir,		2,294.79	
Private way,		155.10	
Storing reservoir and surroundings,		552.21	
Conduit,		32.87	
Receiving reservoir,		42.09	
Mt. Pleasant distributing reservoir,		121.00	
Engineer's house,		.35	
Railroad,		1,658.98	
Purchase street station,		1,896.08	
Sealing fixtures,		323.71	
Garage, Quittacas pumping station,		31.56	
		$117,479.76	
Interest paid,	$75,300.00		
Bonds paid,	21,000.00		
Sinking funds,	27,930.00	$124,230.00	$241,709.76

EXTENSIONS.

Mains:			
Main pipe and special castings,	$32,118.99		
Stop gates,	2,607.43		
Hydrants,	1,348.37		
Lead and gasket,	80.04		
Tools,	4,233.31		
All other supplies,	4,871.00		
Freight and carting,	44.11		
Labor,	18,295.65	63,598.90	
Services:			
Pipe,	2,385.15		
Taps and stops,	20.95		
All other supplies,	861.99		
Labor,	3,998.34		
Plumbing,	1,194.83	8,461.26	
Meters:			
Cost of meters,	7,808.79		
Cost of setting,	695.31	8,504.10	
Mill piping,		333.71	80,897.97
Total expenditures for the year,			$322,607.73
Whole outlay on the works to this date,			$8,440,524.57
Balance December 1, 1915,			25,572.13
			$8,466,096.70

For many years an itemized list of the actual cost of construction has been omitted from this report. I have realized its importance, but urgent matters incidental to our rapid growth had to receive first attention.

This statement has not been compiled in itemized form since 1893, which was previous to the commencement of the "Further Supply," and several years before I took charge of this office.

In studying the last published itemized list I was convinced that many of the items were distributed into the wrong accounts.

For many months, as opportunity admitted, I have been engaged in an exhaustive examination of every item of expenditure from the commencement of the Water Works activities in 1869 up to the present time, in the determination of the proper classification of each item.

The result is shown in the following statements:

It will be noticed that there is no change in the total expenditure, but that many items belonging to maintenance appeared upon the construction account and vice-versa. The itemized list of costs herewith presented is based upon my work of revision.

CHANGES IN MANAGEMENT AND REPAIR ACCOUNT.

		Deducted.	Added.
1879	Storing reservoir,	$161.80	
	Conduit,	250.00	
1880	Storing reservoir,	114.20	
1881	Repairs, distributing reservoir,		$4,547.79
	Repairs, engine house,		5,769.85
1884	Repairs, old gate house,		1,385.28
	Repairs, engines and engine house,		1,078.13
1885	Repairs, engines and engine house,		128.61
	Repairs, culvert,		106.94
	Repairs, old gate house,		15.52
	Grading engine house lot,		921.79
1886	Repairs, engine house,		3,648.74
	Grading engine house lot,		57.76
1895	Connection with Little Quittacas,	1,271.51	
1899	Engineer's dwelling house,	2,683.01	
	Telephone lines,	1,546.94	
1900	Engineer's dwelling house,	6,789.35	
1901	Engineer's dwelling house,	96.15	

1902	New workshop land Ark Lane 1895,	3,500.00	
1903	New workshop,	28,480.49	
1910	Garage, No. Water St.,	2,847.22	
	Duplicate supply main,	836.65	
1911	Garage, No. Water St.,	1,759.12	
	Land bought for workshop,	4,678.38	
1913	Garage, No. Water St.,	2,203.11	
1914	Garage, No. Water St.,	285.80	
	Quittacas Pumping Station Garage,	287.45	
		$57,791.18	$17,660.41
		17,660.41	
	Amount of balance deducted,	$40,130.77	

Annual report 1914 gives Management and Repairs,	$1,646,022.53
Add Credits 1881 and previous,	4,084.99
	$1,650,107.52
Deduct above amount,	40,130.77
Management and repairs as per revised list 1914,	$1,609,976.75

EXPENDITURES FROM THE BEGINNING OF THE WORKS.

	Payments.	Credits.	Net.
Conduit,	$205,391.80	$592.50	$204,799.30
Dam,	18,845.24		18,845.24
Distributing reservoir,	65,292.66	2,209.76	63,082.90
Standpipe,	6,109.93		6,109.93
Distribution,	2,080,947.02	442,184.03	1,638,762.99
Engine house,	97,798.95		97,798.95
Engines,	81,234.47		81,234.47
Storing reservoir,	60,958.71		60,958.71
Receiving reservoir,	31,959.47		31,959.47
Pump well and culvert,	16,561.41		16,561.41
White homestead,	4,000.00		4,000.00
Peckham road,	512.00		512.00
Preliminary outlay,	2,605.34		2,605.34
Engine trial,	3,799.95		3,799.95
Engineering,	23,511.88		23,511.88
Salaries of Commissioners,	9,225.00		9,225.00
Engine house lot,	17,152.89		17,152.89
Incidentals,	7,843.18		7,843.18
Management and repairs,	1,727,424.95	53,665.65	1,673,759.30
Fountains,	1,919.62	100.00	1,819.62
Coal shed,	2,972.56		2,972.56
Inspectors,	5,570.39		5,570.39

Connection with Little Quittacas,	23,503.76		23,503.76
Workshop,	5,598.75	5,598.75	
Land, State St.,	350.00		350.00
Land, No. Water St.,	900.00	900.00	
Preliminary, further supply,	5,158.57	26.25	5,132.32
Engineer's house, Little Quittacas,	9,568.51		9,568.51
New workshop, No. Water St.,	36,658.87	1,001.25	35,657.62
Garage, No. Water St.,	7,095.25		7,095.25
Further supply, incidentals,	28,922.48		28,922.48
Lands around ponds,	118,294.28		118,294.28
Pumping station and conduit connection,	362,049.49		362,049.49
Force main,	376,046.47		376,046.47
High Hill reservoir,	181,405.06		181,405.06
Distributing main from High Hill,	166,076.33		166,076.33
Railroad,	73,631.64		73,631.64
Telephone lines,	2,168.64		2,168.64
Dam at Pocksha Pond,	26,020.70		26,020.70
Duplicate supply main 1910,	250,836.65		250,836.65
Special extensions, 1911,	151,391.78		151,391.78
Special extensions, 1912,	161,019.78		161,019.78
	$6,458,334.43	$506,278.19	$5,952,056.24
Interest paid, $867,948.14			
Bonds paid, 553,000.00			
Sinking funds, 561,242.00	1,982,190.14		1,982,190.14
	$8,440,524.57	$506,278.19	$7,934,246.38
		$6,458,334.43	$506,278.19
Cross entries:			
Duplicate supply main, 1910,		$836.65	$836.65
Interest account, 1912,		2,000.00	2,000.00
		$6,461,171.08	$509,114.84

Credits 1881 and previous, included in above.

Distribution,	$56,813.66
Conduit,	592.50
Management and repairs,	4,084.99

Fountains,	100.00
Distributing reservoir,	2,209.76
	$63,800.91

The receipts from the commencement of the works have been as follows, viz:

Appropriations by the City Council,				$1,038,000.00
Net appropriations for further supply,				1,316,639.60
Appropriations for duplicate supply main, 1910,				250,836.65
Appropriations for special extensions, 1911,				151,391.78
Appropriations for special extensions, 1912,				161,019.78
Receipts for water,			$5,080,414.13	
Receipts from other sources,		$509,114.84		
Less duplicate supply main, 1910,	$836.65			
Less interest account, 1912,	2,000.00	2,836.65	506,278.19	5,586,692.32
				$8,504,580.13
Less water receipts taken by City Council in 1913 for other than Water Works use,				38,483.43
				$8,466,096.70
Deduct total outlay,				8,440,524.57
Balance as above December 1, 1915,				$25,572.13

Outlay,		
Deduct from Outlay:		$8,440,524.57
Paid for management and repairs,	$1,727,424.95	
Interest paid,	867,948.14	
Bonds paid,	553,000.00	
Sinking funds,	561,242.00	3,709,615.09
Actual net cost of works,		$4,730,909.48

Total receipts from water and other sources,		$5,586,692.32
Deduct management and repairs, debt, interest, and sinking funds,	$3,709,615.09	
Amount used by City Council in 1913 outside of Water Works,	38,483.43	3,748,098.52
Water receipts applied to construction,		$1,838,593.80

The funds for the construction of these works have been derived from the following sources:

Investment of Sylvia Ann Howland educational bequest,	$100,000.00
Sylvia Ann Howland water bequest,	100,000.00
Received from sale of bonds,	815,000.00
Net receipts applied to construction,	1,838,593.80
Appropriation for construction in 1885,	23,000.00
Net proceeds of bonds, etc., sold, further supply,	1,316,639.60
Net proceeds of bonds, etc., sold, duplicate supply main, 1910,	250,836.65
Net proceeds of bonds, etc., sold, special extensions, 1911,	151,391.78
Net proceeds of bonds, etc., sold special extensions, 1912,	161,019.78
	$4,756,481.61
Deduct balance, December 1, 1915,	25,572.13
Cost of works as stated above,	$4,730,909.48

The water debt to date is as follows:

Water bonds, 4 per cent.,			$140,000.00
Water bonds, 4 per cent., (further supply),			1,200,000.00
Water bonds, 4 per cent., (duplicate supply main),			200,000.00
Water bonds, 4 per cent., (special extension, 1911),			130,000.00
Water bonds, 4 per cent., (special extension, 1912),			142,000.00
Water bonds, 3½ per cent.,			48,000.00
Sylvia Ann Howland bequest, 6 per cent.,			100,000.00
Total,			$1,960,000.00
Less sinking funds in treasury			
No. 9	$20,000.00 bonds due April 1st, 1918,	$20,000.00	
No. 23	$120,000.00 bonds due April 1st, 1924,	84,365.26	
No. 24	$200,000.00 bonds due Dec. 15th, 1924, $400,000.00 bonds due April 1st, 1926, $600,000.00 bonds due Jan. 1st, 1927,	719,483.56	
No. 38	$48,000.00 bonds due June 1st, 1930,	25,158.47	849,007.29
Net water debt Dec. 1, 1914,			$1,110,992.71

Outlay for debt and management and repairs in 1915,	241,709.76
Outlay for extensions in 1915,	80,897.97
	$322,607.73
Less receipts other than water rates,	39,221.50
Net expenditures in 1915,	$283,386.23
Water receipts in 1915,	$304,717.29
Water receipts in 1914,	303,487.60
Increase in 1915,	$1,229.69

Received from City Departments:

Water rates,	$9,502.36
Miscellaneous accounts, labor, material, etc.,	12,358.78

There remains unpaid of 4 per cent interest: $40.00 of 1914, and $1,820.00 of 1915.

Respectfully submitted,

CLIFFORD BAYLIES,
Water Registrar.

REPORT OF SUPERINTENDENT.

New Bedford Water Works,
Superintendent's Office,
December 1, 1915.

To the New Bedford Water Board:

Gentlemen:—The forty-sixth annual report of the Superintendent, for the year ending November 30, 1915, is herewith submitted:

Copies of the rainfall records at the Little Quittacas Pumping Station, and at the Long Plain Storage Reservoir appear upon the following pages.

The quality of the water continues to be excellent. The result of chemical examinations, made by the State Department of Health, of samples taken at various locations indicated is given in the following pages. The following communication received from X. H. Goodnough, Chief Engineer, State Department of Health, is in reply to an inquiry made by your Superintendent:

"In response to your request for an examination of the water supply of New Bedford, concerning which a recent communication to your department states that the chemical analyses made by this Department indicate considerable pollution, the State Department of Health has caused your sources of supply to be examined by its engineer and has considered the results of analyses of water as shown by the records in this Department and by samples collected recently from various parts of the system.

The water supply of New Bedford is taken from Little Quittacas Pond, which is supplemented with water flowing from Great Quittacas Pond, the water of these ponds being derived from an aggregate watershed area of 12.85 square miles, of which the area of the ponds comprises 2.35 square miles.

Analyses of the water of Great Quittacas Pond, which is the larger of the sources, show that there has been little

variation in the quality of this source for many years. The amount of chlorine in the water is approximately normal for the region, and the average amount present in the samples of water examined in 1914, for example, was a little less than was present in the samples examined in the year 1897, indicating that there has been no increase in the pollution of the water at least within a period of seventeen years. In other respects there is no evidence of deterioration within the long period covered by the examinations of this source.

The water of Little Quittacas Pond also, which has normally a low color, shows no material change for many years, except a slight increase in color due to an increasing admixture of the water of Great Quittacas Pond, which has a higher color.

A careful examination of the entire area of the watersheds of these ponds shows no evidence that pollution is entering the ponds or their tributaries at any point throughout the extent of their watersheds. At the extreme upper end of Black Brook, a tributary of Great Quittacas Pond, there are two small villages, but no pollution was found to be entering the streams from any of these buildings, and a very few of them are located in the neighborhood of the streams.

Many years ago the city wisely purchased the shores of these ponds throughout their extent and thus secured immunity from danger of pollution of the water by settlements in the neighborhood of the ponds. Their shores are clean and free from debris, and the works in general are in excellent condition from a sanitary point of view. The only dwellings in the country about the ponds are located remote from their shores in a region composed of a porous gravelly soil, from which there is no danger that serious pollution can find its way into the ponds.

Finally, bacterial examinations of the water at different points throughout the system during the present year show that the number of bacteria is very low and that the objectionable kinds are absent.

The results of these investigations show that the water supply of New Bedford as taken from these ponds is entirely satisfactory from a sanitary point of view and that no treatment of water, whether by chlorine or any other process, is necessary.''

Rainfall at Quittacas Pumping Station for 1915.

Day	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1												
2		1.13						.64		1.01		
3				.57	.05		.66					.05
4								1.58				
5					.14		.15			.73	.12	
6		1.53		.07		.40		1.95	.05		.18	
7	.72											
8					.44		.98			.50		.12
9							.03	.18				
10				.11				.05				
11				.14			.10					
12					.27						.13	
13	2.51				.55			.86				1.36
14							.09					
15	.08			.10						.62	.68	
16		.29					.10					
17					.14	.32	.26		.06			
18	3.13											1.04
19							.10		.10		.65	
20	.03					.05				1.02		
21					.60		.24		1.72			
22			.10		.13			.72				
23	1.06			.10		.20						.23
24					.05						.10	
25	1.50	.97	.05					1.04				
26				.29	.12	.67			.18			.60
27										.07		
28	.04											
29							.45	.25			.12	1.12
30			.03	1.13			2.53	.11				
31	1.00											
Totals	10.07	3.92	.18	2.51	2.49	1.64	5.69	7.38	2.11	3.95	1.98	4.52

Total fall for the year 46.44

Rainfall at Acushnet Storing Reservoir for 1915.

Day	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1		1.61			.90		.50					
2								.72		1.06		
3												
4				2.52				2.06				
5		1.21			.15		.18			.88	.27	
6		1.47		.05		.29		2.40				.06
7	.88											
8					.34		.84			.49		
9								.43				
10												
11												
12	2.78			.18								
13	.68				.39			.67				1.89
14							.05					
15	.12									.61	.69	
16		.47										
17			.06		.14	.43						
18												1.03
19	3.88						.02		.05		.84	
20												
21	.06						.43		1.81			
22					.86			.64				
23	1.38					.20						.23
24												
25	1.72	.95						.78				
26					.08	.52			.10			.78
27												
28												.13
29							.53	.22			.20	1.70
30								.04		.20		
31	.43											
Totals	11.93	5.71	.06	2.75	2.86	1.44	2.55	7.96	1.96	3.24	2.00	5.82

Total fall for the year 48.28 inches.

WATER ANALYSIS—STATE BOARD OF HEALTH. PARTS IN 100,000.

Number	Date of Collection	Appearance			Residue on Evaporation			Ammonia				Chlorine	Nitrogen as		Oxygen Consumed	Hardness	Iron
		Turbidity	Sediment	Color	Total	Loss on Ignition	Fixed	Free	Albuminoid Total	Albuminoid In solution	Albuminoid In suspension		Nitrates	Nitrites			
	1915																
*121826	Jan. 25	V. slight	V. slight	.35	3.95	1.50	2.45	.0028	.0202	.0194	.0008	.59	.0020	.0000	.55	0.8	.010
†121827	Jan. 25	V. slight	V. slight	.35	4.05	1.55	2.50	.0034	.0238	.0186	.0052	.55	.0010	.0000	.54	0.8	.012
‡121828	Jan. 25	Decided	Slight	1.42	6.00	3.50	2.50	.0052	.0336	.0288	.0048	.50	.0020	.0000	1.56	1.0	.035
*122955	Mar. 29	None	V. slight	.51	4.40	1.75	2.65	.0024	.0240	.0216	.0024	.57	.0010	.0002	.62	1.0	.011
†122956	Mar. 29	V. slight	V. slight	.50	4.25	1.55	2.70	.0012	.0250	.0198	.0052	.56	.0010	.0000	.66	1.0	.010
‡122957	Mar. 29	V. slight	Slight	1.36	5.45	2.65	2.80	.0010	.0396	.0288	.0108	.63	.0010	.0000	1.46	1.0	.017
*123912	May 24	V. slight	V. slight	.47	4.00	1.65	2.35	.0034	.0174	.0168	.0006	.59	.0020	.0000	.67	1.0	.010
†123913	May 24	V. slight	V. slight	.47	4.20	1.90	2.30	.0028	.0204	.0162	.0042	.60	.0020	.0000	.68	1.0	.005
‡123914	May 24	None	V. slight	2.65	6.95	4.65	2.30	.0060	.0500	.0436	.0064	.61	.0010	.0000	2.40	1.0	.045
*125193	July 26	V. slight	V. slight	.35	4.90	2.15	2.75	.0052	.0198	.0176	.0022	.67	.0010	.0000	.52	0.6	.008
†125194	July 26	V. slight	V. slight	.35	4.80	2.15	2.65	.0042	.0180	.0164	.0016	.63	.0000	.0000	.53	0.5	.030
‡125196	July 26	V. slight	V. slight	.76	5 75	2.75	3.00	.0042	.0282	.0228	.0054	.69	.0020	.0000	.80	0.8	.028
*126682	Sept. 27	V. slight	V. slight	.32				.0022	.0218	.0196	.0022	.66				0.8	.022
†126683	Sept. 27	V. slight	V. slight	.33				.0020	-0206	.0178	.0028	.64				1.0	.012
‡126684	Sept. 27	V. slight	V. slight	1.60	8.05	4.15	3.90	.0044	.0468	.0452	.0016	.77			2.40	1.3	.045
‡127972	Nov. 23	None	V. slight	2.05	9 00	4.80	4.20	.0044	.0420	.0376	.0044	.82				1.7	.028
*127977	Nov. 23	None	V. slight	.30	4.45	1.70	2.75	.0052	.0284	.0166	.0118	.67				1.0	.010
†127978	Nov. 23	V. slight	V. slight	.30	4.30	1.50	2.80	.0092	.0304	.0214	.0090	.68				1.0	.012

These samples were collected from Great Quittacas Pond. *Surface. †Bottom.
‡Collected from Black Brook which empties into Great Quittacas Pond.

Scale of Color:—0—Colorless.
1—Yellowish brown tint.
2—Deep yellowish brown tint.

WATER ANALYSIS—STATE BOARD OF HEALTH.

Parts in 100,000.

Number	Date of Collection	Appearance			Residue on Evaporation			Ammonia				Chlorine	Nitrogen as		Oxygen Consumed	Hardness	Iron
		Turbidity	Sediment	Color	Total	Loss on Ignition	Fixed	Free	Albuminoid				Nitrates	Nitrites			
									Total	In solution	In suspension						
	1915																
*121824	Jan. 25	V. slight	V. slight	.28	3.90	1.40	2.50	.0040	.0244	.0196	.0048	.56	.0020	.0000	.48	1.1	.018
†121825	Jan. 25	V. slight	V. slight	.29	4.05	1.40	2.65	.0042	.0224	.0202	.0022	.57	.0020	.0000	.46	1.3	.028
*122953	Mar. 29	V. slight	V. slight	.35				.0020	.0190	.0150	.0040	.59	.0020	.0000	.59	1.1	.016
†122954	Mar. 29	V. slight	V. slight	.35	4.05	1.20	2.85	.0018	.0220	.0192	.0028	.57	.0010	.0000	.56	1.1	.020
*123910	May 24	V. slight	V. slight	.40	4.50	1.90	2.60	.0034	.0216	.0202	.0014	.59	.0000	.0000	.56	1.0	.018
†123911	May 24	V. slight	V. slight	.38	4.00	1.80	2.20	.0032	.0222	.0202	.0020	.60	.0020	.0000	.55	1.0	.021
*125191	July 26	V. slight	V. slight	.25	4.90	1.80	3.10	.0052	.0188	.0184	.0004	.65	.0010	.0000	.41	0.8	.023
†125192	July 26	V. slight	V. slight	.21	5.00	2.10	2.90	.0054	.0208	.0202	.0006	.61	.0020	.0000	.38	0.8	.020
*126680	Sept. 27	Slight	Cons.	.22				.0018	.0248	.0186	.0062	.71				1.0	.043
†126681	Sept. 27	Slight	Cons.	.22				.0022	.0286	.0198	.0088	.62				1.0	.055
*127975	Nov. 23	Slight	V. slight	.25	4.55	1.35	3.20	.0056	.0200	.0166	.0034	.65				1.0	.048
†127976	Nov. 23	Slight	Slight	.25	4.50	1.30	3.20	.0112	.0288	.0178	.0110	.70				1.1	.043

These samples were collected from Little Quittacas Pond.
* Surface. † Bottom.

Scale of Color:—0—Colorless.
1—Yellowish brown tint.
2—Deep yellowish brown tint.

WATER ANALYSIS—STATE BOARD OF HEALTH.

Parts in 100,000

Number	Date of Collection	Appearance			Residue on Evaporation			Ammonia				Chlorine	Nitrogen as		Oxygen Consumed	Hardness	Iron
		Turbidity	Sediment	Color	Total	Loss on Ignition	Fixed	Free	Albuminoid				Nitrates	Nitrites			
									Total	In solution	In suspension						
	1915																
121830	Jan. 25	V. slight	V. slight	.65	4.70	2.00	2.70	.0048	.0268	.0244	.0024	.47	.0150	.0000	.92	1.3	.023
*121829	Jan. 25	None	None	1.40	4.70	2 85	1.85	.0048	.0328	.0264	.0064	.30	.0020	.0000	1.64	1.0	.028
*122958	Mar. 29	None	V. slight	1.10	4.55	2.05	2.50	.0010	.0200			.50	.0010	.0000	1.04	0.6	.023
122959	Mar. 29	V. slight	Slight	.82	4.50	1.70	2.80	.0016	.0284	.0186	.0098	.49	.0010	.0000	.94	0.8	.034
*123915	May 24	V. slight	V. slight	2.00	5.55	3.35	2.20	.0040	.0308	.0276	.0032	.57	.0000	.0000	1.96	0.5	.043
123916	May 24	V. slight	V. slight	.82	4.45	2.05	2.40	.0020	.0228	.0190	.0038	.55	.0020	.0000	.80	0.5	.023
125195	July 26	V. slight	V. slight	.54	4.75	2.35	2.40	.0048	.0174	.0170	.0004	.57	.0010	.0000	.62	1.0	.018
*125197	July 26	Slight	Slight	1.24	5.15	2.65	2.50	.0056	.0320	.0312	.0008	.55	.0010	.0000	1.20	0.3	.046
*126685	Sept. 27	V. slight	Slight	1.28				.0066	.0380	.0320	.0060	.64				0.8	.045
126686	Sept. 27	Decided	Cons.	.44				.0040	.0272	.0156	.0116	.58				0.6	.050
*127973	Nov. 23	V. slight	V. slight	1.06	6.90	3.10	3.80	.0028	.0256	.0244	.0012	.69				1.0	.045
127974	Nov. 23	V. slight	V. slight	.41	4.80	1.85	2.95	.0060	.0240	.0214	.0026	.67				0.8	.030

These samples were collected from Long Pond.
*Collected from Fall Brook which empties into Long Pond.

Scale of Color:—0—Colorless.
1—Yellowish brown tint.
2—Deep yellowish brown tint.

WATER ANALYSIS—STATE BOARD OF HEALTH.

Parts in 100,000.

Number	Date of Collection	Appearance			Residue on Evaporation			Ammonia				Chlorine	Nitrogen as		Oxygen Consumed	Hardness	Iron
		Turbidity	Sediment	Color	Total	Loss on Ignition	Fixed	Free	Albuminoid Total	Albuminoid In solution	Albuminoid In suspension		Nitrates	Nitrites			
	1915																
121839	Jan. 26	V. slight	V. slight	1.60	5.85	3.10	2.75	.0048	.0392	.0300	.0092	.41	.0040	.0000	1.70	1.3	.040
122960	Mar. 29	V. slight	V. slight	.83	4.20	1.45	2.75	.0014	.0200	.0192	.0008	.55	.0020	.0000	1.12	0.8	.023
123903	May 24	V. slight	V. slight	1.44	5.00	2.85	2.15	.0060	.0404	.0376	.0028	.55	.0000	.0000	1.46	0.8	.055
125198	July 26	Slight	Slight	.84	5.15	2.35	2.80	.0046	.0208	.0194	.0014	.63	.0020	.0000	.96	0.6	.055
126687	Sept. 27	V. slight	V. slight	1.10				.0060	.0404	.0360	.0044	.57				1.0	.085

These samples were collected from Old Storage Reservoir.

Scale of Color:—0—Colorless.
1—Yellowish brown tint.
2—Deep yellowish brown tint.

The surface of Great Quittacas Pond has varied from elevation 48.55 on January 1st, to elevation 51.80 on February 14th. At this date it is at elevation 49.65.

The surface of Little Quittacas Pond has varied from elevation 50.14 on January 26th, to elevation 43.79 on November 30th. At this date it is at elevation 43.81.

The forestry operations of the past year have been mentioned elsewhere. The planting of seedlings has been continued on a large scale.

The Quittacas Pumping Station, the Force Main, and the High Hill Distributing Reservoir are in excellent condition.

It was found necessary to further repair the chimney at the Purchase Street Pumping Station by removing the outside course of brick and replacing same with new brick and providing a new top. This was done under contract with the B. F. Smith Co., consideration $890.00.

The distributing mains have been increased 24,250 feet and 7,983 feet of pipe laid in previous years have been removed. The total length of distributing mains at this date is 165.55 miles.

The thirty inch Encircling Main is now fully completed from Union Street south. The installation of this year included that portion in First Street, from Rivet to South; South Street, from First to Second; Second Street, from Madison to Union. To fully complete the plan of this Encircling Main there remains for installation that portion which lies between Union Street on the south and Bowditch Street, a short distance north of Weld Street at the north. I recommend that plans be made to do at least half of this work the coming year with the anticipation of fully completing the main in 1917.

The execution of your order for supplies to the Town of Dartmouth required the extension of our mains in Dartmouth and Kempton Street to the town line. In both cases the supplies are furnished through a six inch Hersey Detector meter, located upon a by-pass. These meters are placed in a brick pit and are easily accessible. Insulated joints have been placed by the Town of Dartmouth every 550 feet in the pipe line in Dartmouth Street from Rockdale Avenue to the end of the pipe, south of Bliss Corner and in Kempton Street from the town line to west of Smith Mills. There are six of these joints in Dartmouth Street

and fifteen in Kempton Street. This department has also placed one insulated joint in Kempton Street, 33½ feet east from the Dartmouth town line.

There have been twenty-five leaks upon the mains the past year as herewith shown:

Date	Size	Locations	Cause	Cost
1914.				
Dec. 17	6 in.	Blackmer st., W. of Second	Joint started	$ 7.72
Dec. 19	6 in.	Lucas st., at W. line Brock av.	Joint started	6.67
Dec. 27	8 in	Acushnet av., S. of Coggeshall	Joint started	24.88
1915.				
Jan. 11	8 in.	Parker st., E. of Summer	Joint started	7.80
Feb. 10	16 in.	Cedar st., S. of Hillman	Pipe broken	34.83
Feb. 11	6 in.	Atlantic st., S. of Union	Pipe broken	14.94
Mar. 13	12 in.	Belleville av., N. of Sylvia	Joint started	14.57
Mar. 13	6 in.	Hickory st., W. of Dartmouth	Joint started	3.84
Mar. 26	36 in.	Tarkiln Hill rd., W. of N. Y., N. H. R. R.	Wooden joint started	6.63
May 19	6 in.	Eugenia st., at Brook	Joint started	6.34
Aug. 20	10 in.	Belleville av., N. of Holly	Pipe broken Cinder fill	101.77
Aug. 21	36 in.	Tarkiln Hill rd., W. of N. Y., N. H. R. R.	Wooden joint started	22.79
Aug. 23	10 in.	First st., at South	Joint started	6.68
Aug. 27	16 in.	Acushnet av., N. of Ball's Cor.	Wooden joint started	4.12
Sept. 7	36 in.	Shawmut av., (east main) S. of Turners Pond	Wooden joint started	9.93
Sept. 13	6 in.	Shawmut av., N. E. cor. Plainville rd.	Joint started	12.70
Sept. 20	6 in.	Second st., S. of Maxfield	Joint started	3.92
Sept. 22	36 in.	Bowditch st., S. of Belleville rd.	Joint started	6.34
Sept. 24	36 in.	Shawmut av., S. of Turner's Pond	Wooden joint started	7.99
Oct. 12	10 in.	Riverside av., S. of Hathaway	Pipe broken	53.67
Oct. 25	4 in.	Steamboat wharf	Joint started	8.94
Nov. 15	10 in.	Allen st., E. of Reed	Joint started	7.09
Nov. 16	8 in.	Acushnet av., S. of High	Joint started	7.70
Nov. 16	8 in.	Kilburn st., E. of Belleville av.	Joint started	41.33
Dec. 1	6 in.	Coffin av., W. of Riverside av.	Pipe broken Cinder fill	27.33

One thousand seventy-eight feet of small sized distribution pipe (less than four inch) has been laid. The total length now in use is 5,800 feet.

Eighty-eight new stop gates have been set and twenty of those previously set have been removed. The total number now in use is 2,207.

Four new small sized stop gates have been set and one of those previously set has been removed. The total number now in use is 109.

Four new waste gates have been set. The total number now in use is 168.

Twenty-five new stop gates for private supplies have been set and eight of those previously set have been removed. The total number now in use is 346.

Three new air taps have been set. The total number now in use is 170.

Seventy-five new hydrants have been set and twenty-nine of those previously set have been removed. The total number now in use is 1,350.

One watering cart hydrant of those previously set has been removed. The total number now in use is 73.

Four hundred thirty-one new service pipes have been laid and sixty-eight of those previously laid have been removed. The total number now in use is 14,770.

Two hundred nine service taps have been cleaned as follows: Sediment, 176; rust, 31; trouble inside, 1; eels, 1.

The total number of meters set in 1915 was	467
Number removed,	115
To be added,	352
Number in use December 1, 1914,	13,788
Number in use December 1, 1915,	14,140

This list may be divided as follows:

Manufacturing supplies,	226	
Domestic supplies,	13,914	
		14,140

The following is a list of the different makes of meters in commission: Crown, 216; Empire, 199; Empire Compound, 12; Nash, 423; Gem, 6; Trident Compound, 13; Trident Crest, 16; Trident Disc, 242; Hersey Torrent, 15; Hersey Rotary, 95; Hersey Disc, 3,007; Hersey Compound, 4; Hersey Detector, 5; Watch Dog, 5; Union Rotary, 118;

King, 7,312; Lambert, 1,276; Thompson, 3; Worthington Turbine, 7; Worthington Disc, 1,161; Keystone, 5.

TOTAL COST OF REPAIRING OF METERS DURING YEAR 1915.

Size.	Damaged by Frost.	Other Repairs.	Total Number Repaired.	Total Cost of Repairs.	Average Cost of Repairs.
6 inch	0	3	3	$22.53	$7.51
4 inch	0	8	8	154.42	19.30
3 inch	0	4	4	23.01	5.75
2 inch	2	10	12	80.19	6.68
1½ inch	0	3	3	38.82	12.94
1 inch	1	24	25	88.36	3.53
¾ inch	20	109	129	361.13	2.79
⅝ inch	170	853	1023	2572.42	2.51
Totals,	193	1014	1207	$3340.88	

In my last report I stated that all of the horse drinking fountains throughout the City had been closed by reason of requests received from the Commissioner of Animal Industry, State House, Boston, and the local Board of Health. This was occasioned by the rapid increase of glanders in this City, it being suspected that the horse bowls were a contributing factor in the spread of the disease. Early in the Spring came many requests for a resumption of the service, but the bodies named above, together with the large owners of horses in this City, strongly advised against any measure which would allow two or more horses to drink from the same receptacle. We were requested to devise a fountain that would serve horses through individual pails, to be supplied by the driver. This we investigated, and found that it was not an easy matter to maintain such a type of fountain through freezing weather. We finally decided upon the type recently adopted by the Boston Water Department to meet exactly their condition. Most of the fountains in this City were of the horse bowl type known as the H. F. Jenks pattern. The horse bowls upon all of this type of fountain have been removed and new

castings containing three or more self closing faucets have been placed on the standard formerly supporting the horse bowl. This is designed to be a non-freezable device and no trouble is expected from that cause. The accompanying photograph gives a good idea of their appearance. I may add that this apparatus, as now maintained, is giving entire satisfaction to the community. I herewith include a list of these fountains.

Following is a complete list of the drinking fountains now in use:

1.	West French ave., at Cove st.,	3 Faucets
2.	Bolton st., at junction of Rivet st.,	3 Faucets
3.	Sixth st., at junction of County st.,	4 Faucets
4.	Allen st., at junction of Dartmouth st.,	3 Faucets
5.	Front st., at corner of School st.,	3 Faucets
6.	Union st., at corner of Bethel st.,	3 Faucets
7.	Hathaway rd., 1,964 ft. E. of Rockdale ave.,	Horse bowl
8.	Kempton st., at junction of Mill st.,	3 Faucets
9.	County st., at corner of Smith st.,	Nash
10.	Shawmut ave., at corner of Durfee st.,	3 Faucets
11.	Acushnet ave., at junction of Weld st.,	3 Faucets
12.	Acushnet ave., south of Tarkiln Hill rd.,	3 Faucets
13.	Belleville rd., between Acushnet ave. and No. Front st.,	3 Faucets
14.	Acushnet ave., at junction of Water st.,	4 Faucets
15.	Acushnet ave., at corner of Braley rd.,	2 Faucets

Jenks Type of Drinking Fountain as Remodeled, 1915.

Monthly Consumption of Water.

1915	Monthly Consumption	Daily Average Consumption
	Gallons	Gallons
January	211,726,886	6,829,899
February	193,611,036	6,914,680
March	219,244,354	7,072,399
April	206,253,262	6,875,109
May	226,311,394	7,300,367
June	246,528,362	8,217,612
July	251,388,672	8,109,312
August	245,305,470	7,913,079
September	244,637,502	8,154,583
October	243,859,816	7,866,445
November	247,687,982	8,256,266
December	255,101,042	8,229,066
Total,	2,791,655,778	
Averages,	232,637,981	7,648,372

Maximum daily consumption, September 16th, 10,441,506 gallons.

Minimum daily consumption, April 18th, 3,894,900 gallons.

Average daily consumption, 6 A. M. to 6 P. M., 5,445,314 gallons

Average night consumption, 6 P. M. to 6 A. M., 2,203,058 gallons

Comparison of the Consumption of the Year 1915 With the Record of the 33 Previous Years

Year	Estimated Population	Estimated number of consumers	Number of taps	Total number of gallons consumed	Average daily consumption	Gallons per day to each inhabitant	Gallons per day to each consumer	Gallons per day to each tap	Number of meters
1882	28,500	20,424	4,203	859,119,622	2,326,352	82	114	553	41
1883	30,000	22,249	4,465	849,059,700	2,326,191	78	105	521	49
1884	33,000	23,749	4,691	867,815,595	2,371,080	72	100	506	60
1885	33,700	25,375	4,965	1,049,801,050	2,876,167	85	113	579	67
1886	34,500	28,480	5,225	1,086,534,615	2,976,807	86	104	569	82
1887	36,000	30,080	5,495	1,112,302,789	3,047,404	85	101	555	102
1888	37,500	31,826	5,785	1,229,841,794	3,360,223	89	109	581	108
1889	40,000	34,000	6,104	1,310,488,214	3,590,379	90	106	588	120
1890	41,500	35,740	6,394	1,485,143,213	4,066,200	98	114	636	123
1891	45,000	38,500	6,742	1,513,161,482	4,145,648	92	108	615	135
1892	50,000	41,776	7,134	1,607,955,166	4,393,320	88	105	616	144
1893	55,000	44,158	7,531	1,824,275,536	4,998,015	99	113	664	172
1894	56,000	44,661	7,767	1,747,167,532	4,786,760	85	107	616	221
1895	56,300	46,154	8,027	1,719,830,979	4,711,866	84	102	587	254
1896	59,000	48,570	8,447	1,924,800,313	5,259,017	89	108	623	366
1897	60,000	50,000	8,860	2,071,702,478	5,675,897	95	113	641	621
1898	58,000	50,000	9,014	2,156,277,643	5,907,610	102	118	655	734
1899	58,000	50,000	9,151	2,261,115,500	6,194,837	107	124	677	1,098
1900	62,500	55,000	9,280	2,306,997,774	6,320,542	101	115	681	1,429
1901	65,000	57,000	9,447	2,150,199,262	5,890,957	91	103	624	1,566
1902	70,000	61,000	9,612	2,325,807,038	6,372,074	91	104	663	1,771
1903	72,000	62,000	9,927	2,535,280,580	6,945,974	96	112	700	1,954
1904	73,000	63,000	10,166	2,570,360,614	7,001,520	96	111	689	2,145
1905	75,000	66,000	10,477	2,586,640,683	7,093,187	95	107	677	2,434
1906	83,000	76,000	10,764	2,524,786,872	6,916,880	83	91	643	2,803
1907	88,000	81,000	11,107	2,711,824,444	7,435,572	84	91	670	3,196
1908	89,000	82,000	11,516	2,740,666,728	7,488,160	84	91	653	3,628
1909	95,000	88,000	12,043	2,727,327,230	7,472,129	79	85	621	4,572
1910	99,000	92,000	12,769	2,870,478,148	7,864,323	79	85	616	6,106
1911	102,700	96,000	13,311	2,910,369,438	7,973,615	78	83	599	8,206
1912	103,000	97,000	13,643	3,030,739,034	8,280,707	80	85	607	9,998
1913	104,000	99,000	14,055	2,832,828,204	7,761,173	75	78	552	12,340
1914	108,000	103,000	14,407	2,712,726,402	7,432,127	69	72	516	13,788
1915	110,000	107,000	14,770	2,791,655,778	7,648,372	70	71	518	14,140

An unusually interesting test of the capacity of the distributing system was made on Saturday afternoon, June 5th, 1915, in the yard of the Manomet Mills in this city. The underground yard systems of four mills, Manomet, Nonquitt Spinning Co., Nashawena, and Whitman are connected by 10″ and 12″ mains. The valves in these connecting pipes are normally kept shut, but when opened for an emergency, the combined fire protective equipment has available for a primary supply, public water through one 8″ and six 10″ connections, and for a secondary supply six 1000 gallon and four 1500 gallon Underwriter steam pumps, taking suction from the Acushnet River. In the test, hose streams were concentrated at the yard of the Manomet Mill where the fire pumps alone delivered 13,600 gallons per minute at an average hydrant pressure of 85 lbs., the public water supply alone 5,300 gallons per minute at 70 lbs. hydrant pressure, and fire pumps and public water supply combined gave a total discharge of 15,000 gallons per minute at 74 lbs. hydrant pressure.

The test was conducted by the Inspection Department of the Associated Factory Mutual Fire Insurance Companies, assisted by the officials of this department, in the presence of a large delegation of interested parties. The test was divided into three sections. In the first test, the fire pumps supplied all the water; in the second, the fire pumps and city water were combined; and in the third, the city water alone was used.

No attempt was made to make a spectacular demonstration by running the pumps at high speed and abnormally high pressure. In fact, the pressures were purposely kept down to those ordinarily used for fire duty and after the test it was found that some of the pumps had actually been run below normal speed.

The length of hose lines varied from 50 to 150 feet, according to location of hydrant.

The normal pressure upon the city hydrants in Riverside Avenue hydrants in front of the Manomet Mill is 86 lbs. This pressure was lowered only twelve pounds by the maximum draft, and on Bowditch Street it was lowered about two pounds. The gauge at the office of the Water Department, Municipal Building, about two miles distant, recorded a drop of only two pounds during maximum draft.

In the third test the excellence of the city water supply

was demonstrated when twenty 1⅛″ streams were obtained at 70 lbs. hydrant pressure, delivering more than 5000 gallons per minute.

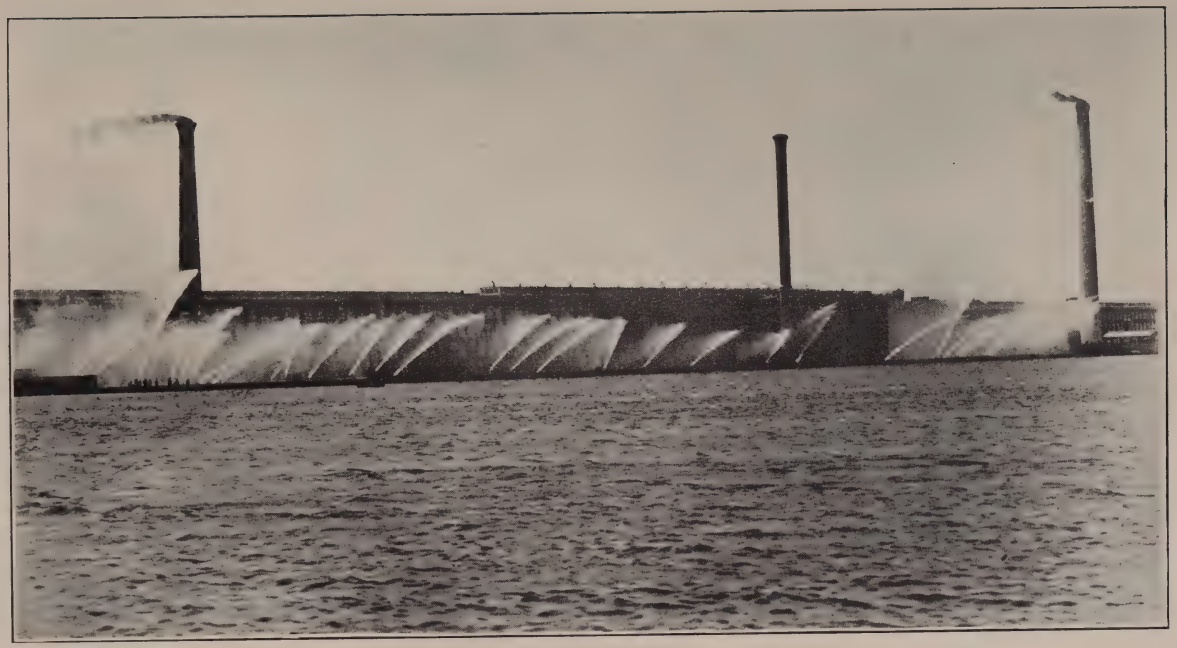
A searching investigation of the fire protective facilities of this city was made in August last by Engineers representing the Committee on Fire Protection of the National Board of Underwriters. Every detail of the Water Works plant was carefully inspected. All records and plans were examined and in some instances copies for future use of the committee were made. Tests of the capacity of the distributing system in various selected locations throughout the city were taken, and methods of operation in case of emergency were reviewed.

The published report of the work of this Committee is dated October, 1915. It states that the *special* recommendations contained in their previous report (March 1908), which they considered of such importance as to urge an early adoption had been complied with. The only suggestions, made in the report just issued, were those in the direction of continuing the best recognized practice in the installation of all new work.

It is safe to conclude, as the result of the two unusual tests just described, and from the complimentary statements which those conducting these tests have made to the writer that the entire plant is "up-to-date" and ample in capacity for present requirements, and that all parts are in excellent condition.

Respectfully submitted,

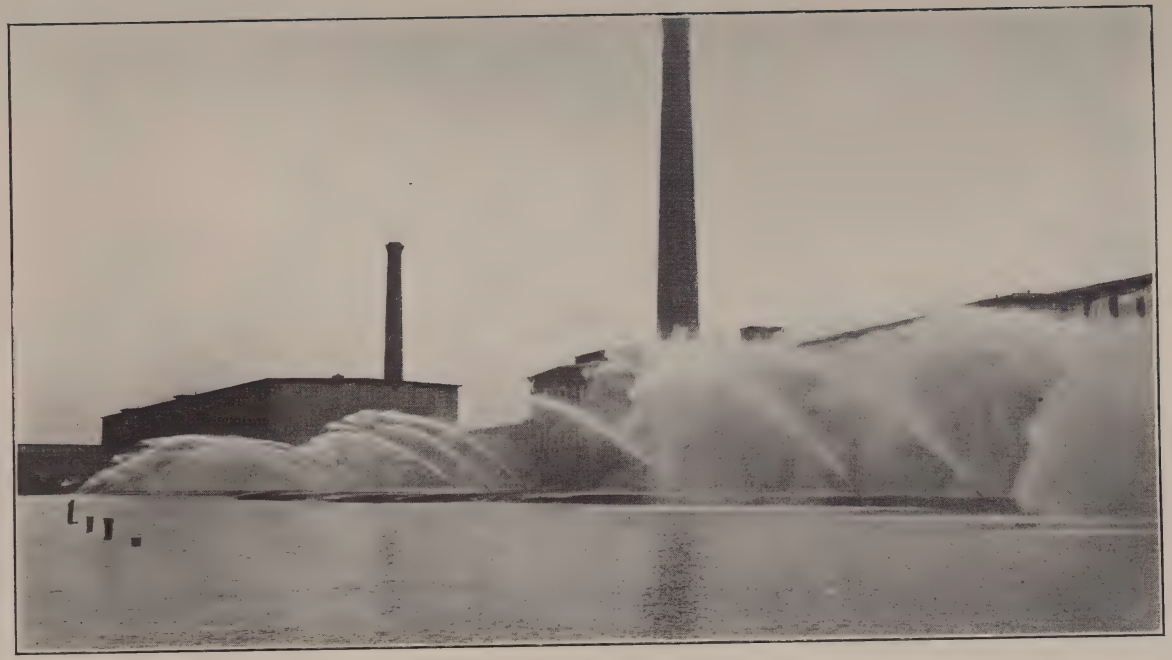
R. C. P. Coggeshall,
Superintendent.



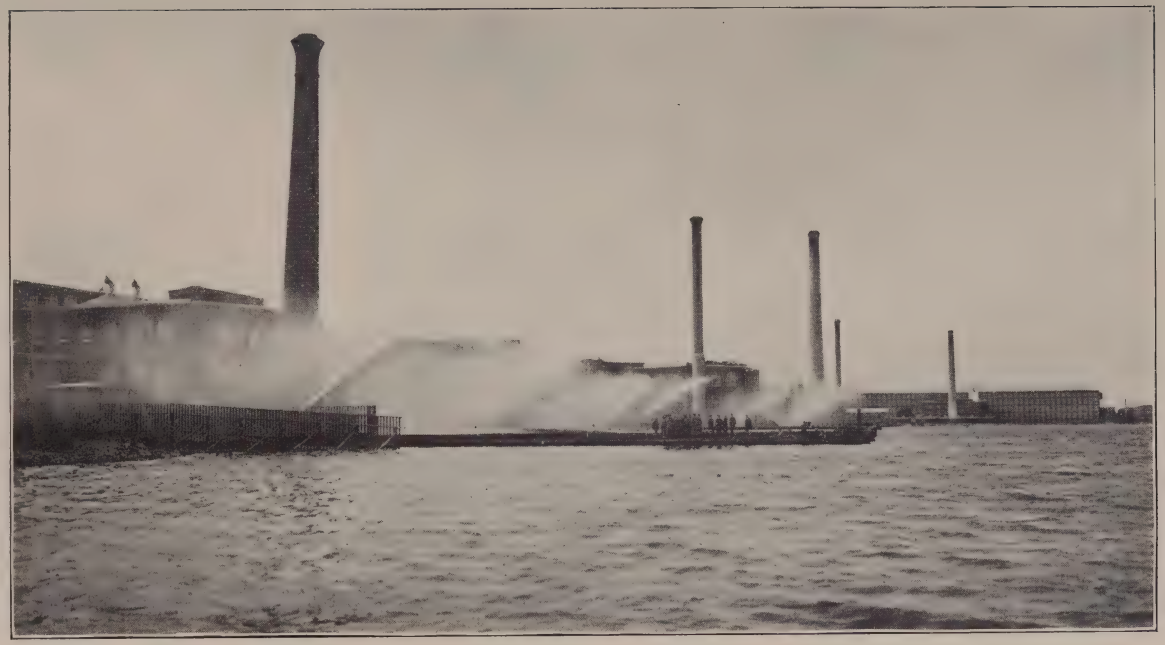
Forty-one Standard 1⅛-inch and two 2-inch streams. Total discharge 13,624 gals. per min. Average hydrant pressure 90 lbs. Supplied from fire pumps alone. Streams were directed purposely at a low angle because playing against a strong east wind, which was blowing. Picture taken from a point about ¼ mile distant.

Had the streams been directed higher as at time of fire, they would have reached well above the roofs.

Near view of some of the 1⅛-inch streams shown in No. 1, looking south.



Part of thirty-four 1¾-inch streams looking south. Supplied from Public system and fire pumps combined. Total discharge 15,000 gals. per min. Average hydrant pressure 70 lbs



Twelve 1⅛-inch streams looking north. Supplied from Public system alone. Total discharge 3,450 gals. per min. Average hydrant pressure 80 lbs.—a loss of pressure of only 10 lbs.

TABLE A.

Statement of Work Done by Leavitt Engine B for Year Ending Dec. 1st, 1915.

Diameter Steam Cylinder, 16⅜ and 36¼ in.
Diameter Pump Plungers, 13 7-10 and 19⅜ in.
Stroke of Piston and Pump Plungers, 90 in.

Average working steam pressure, 185 lbs.
Average static head, 168.62 ft.

Months	Number of days or parts of days pumping	Total pumping time per month H.	Total pumping time per month M.	Total number of strokes per month	Average number of strokes per minute	Total fuel used for all purposes Lbs.	Total number of gallons pumped per month, allowance being made for slip	No. of gallons pumped per pound of coal for total coal	No. of gallons raised 100 ft. per lb. coal for total coal	Average dynamic head against pump in feet; no allowance for friction in suction	Average duty in pounds raised 1 foot high per 100 lbs. of coal; calculated on total fuel used for all purposes. No deduction
December, 1914	26	530	50	1,003,885	31.5	254,675	222,862,470	875	1637	187.14	136,578,802
January, 1915	26	502	30	952,063	31.5	248,700	211,357,986	849	1558	183.57	130,109,987
February, "	24	470	15	867,138	30.7	247,495	192,504,636	777	1418	182.62	118,464,752
March "	27	536	30	1,012,607	31.4	277,175	224,798,754	811	1480	182.55	123,477,472
April "	26	483	15	917,371	31.2	232,725	203,656,362	875	1596	182.40	133,120,771
May "	26	539	45	1,021,927	31.5	265,350	226,867,794	854	1565	183.32	130,716,272
June "	26	579	00	1,096,321	31.5	286,650	243,383,262	849	1572	185.20	131,143,205
July "	28	611	00	1,156,576	31.5	307,150	256,759,872	835	1558	186.68	130,148,891
August "	26	574	00	1,080,785	31.4	296,650	239,934,270	808	1512	187.19	126,268,966
September, "	27	593	00	1,110,291	31.2	289,225	246,484,602	852	1599	187.74	133,437,172
October, "	26	576	00	1,090,978	31.5	277,875	242,197,116	871	1639	188.20	136,806,005
November, "	26	593	00	1,121,531	31.5	280,550	248,979,882	887	1669	188.27	139,348,133
Totals and avgs.	314	6589	05	12,431,473	31.4	3,264,220	2,759,787 006	844	1565	185.43	130,750,148

The duty is based on total fuel used for all purposes. This includes banking fires, starting, heating building, running shop engine during day and electric light engine at night. No deduction for ashes, moisture in coal or anything else.

TABLE B.

Location and Size of Cast Iron Main Pipe Laid in 1915.

Streets	30 in.	12 in.	10 in.	8 in.	6 in.	4 in.
Acushnet av., from 81.7 ft. S. of Wamsutta to 125.4 ft. N. of Wamsutta		264				
Adams st., from Summer to Mt. Pleasant					360	
Aquidneck st., from Brock av., west				321		
Arnold st., from Rounds (north) to 12 ft. W. of Palmer (north)				238		
Bank st., from 89 ft. N. of Rockdale av. to 226 ft. S. of Matthew					283	
Baylies st., from Wood to Hersom					293	
Bedford st., from 244 ft. W. of Brigham to 12 ft. E. of Brownell					356	
*Belleville av., from 3 ft. N. of Sawyer to Holly				253		
*Belleville av., from Holly to Tallman			251			
Bonney st., from Winsor, south (east side sewer)				192		
Brock av., from 170 ft. W. of Bonney to Rockdale av.			1017			
Brock av. from Rockdale av. to 1,530 ft. W. of Rockdale av				1554		
Brownell st., from 118 ft. S. of Maple to Hawthorn					215	
Brownell st., from Maple to Arnold					401	
Charles st., from 123 ft. E. of Brock av., east					160	
Chancery st., from Smith to Campbell					289	
Coggeshall st., from Summer to Mt. Pleasant					364	
Concord st., from Princeton, north					184	
Cottage st., from Elm to 68 ft. N. of Middle				307		

TABLE B—CONTINUED.

	30″	12″	10″	8″	6″	4″
Cottage st., from 68 ft. N. of Middle to 246 ft. S. of Kempton					5	
Edison st., from Glennon, north					77	
Edward st., from 159 ft. W. of Dartmouth to 90 ft. E. of Field					350	
Emerson st., from Maxfield to Sycamore					245	
Eugenia st., from 291 ft. W. of Bowditch to 4 ft. E. of Brook					325	
First st., from 14 ft. N. of Rivet to South (west 30x 30x30 branch)	1228					
First st., from South (west 30x30x30 branch) to Grinnell		401				
First st., from Grinnell to 41 ft. S. of Howland					510	
Front st., from Potomska to Howland				1642		
Glennon st., from 409 ft. W. of Brook to Edison					72	
Gosnold st., from 432 ft. W. of Bolton to Hemlock					194	
Hemlock st., from Rockdale av. to 250 ft. S. of Winsper				434		
Hersom st., from Baylies, east				137		
*Holly st., from Belleville av., west			44			
Junior st., from Union, south					545	
Kempton st., from 1,756 ft. W. of Jenny Lind (north) to 33.5 ft. E. of New Bedford & Dartmouth line (W. end 8x8x6 branch for hydrant)				381		
Landry st., from Wood, south						476
Liberty st., from Morgan to Kempton					708	
Logan st., from 12x12x12 branch at Acushnet av. to 17 ft. W. of Acushnet av		38				

TABLE B—CONTINUED.

	30″	12″	10″	8″	6″	4″
Lowell st., from Tarklin Hill rd., north					362	
Maple st., from Reed, west					105	
Matthew st., from 320 ft. W. of Dartmouth to Field				288		
Mechanics Lane, from 17 ft. W. of Purchase, west					23	
Myrtle st., from Adams to Sawyer					268	
Oaklawn st., from 184 ft. W. of Brock av., west					701	
Orchard st., from Brock av. to 19 ft. N. of Brock av.			37			
Palmer st., from Arnold, north				45		
Palmer st., from Union, south					291	
Phillips rd., from 1,410 ft. W. of Acushnet av. to 528 ft. N. of Phillips rd. (east)			1347			
Pontiac st., from 12 ft. W. of Acushnet av., west				105		
Potomska st., from 7 ft. E. of W. line to 16 ft. W. of E. line First				22		
Princeton st., from 450 ft. W. of Bowditch, west			550			
Query st., from 180 ft. W. of Bowditch, west					312	
Reed st., from 190 ft. N. of Hawthorn to Maple					120	
Reed st., from 6 ft. S. of Union, south					230	
Rochambeau st., from 219 ft. N. of Irvington, north					269	
Rockdale av., from Brock av. to Bolton			718			
Rodman st., from Water st. main to 5 ft. W. of E. line Water					21	
Rounds st., from Hawthorn to Maple				347		
Rounds st., from Arnold, south				30		
Ryan st., from 127 ft. W. of Brownell, west					151	
School st., from Acushnet av. to Purchase					255	
Second st., from 1 ft. S. of N. line Madison to 30x30x12x12 branch, at Union, 4 ft. N. of present S. line	1151					

TABLE B—CONTINUED.

	30″	12″	10″	8″	6″	4″
South st., from First to 18 ft. E. of Second	196					
Spring st., from Second, east					39	
Spring st., from Second to 26 ft. E. of Acushnet av.					180	
Tarkiln Hill rd., from 126 ft. W. of Bowditch to Lowell			113			
†Union st., from 12x12x10x10 branch at Water to 11 ft. W. of E. line Water				20		
Union st., from 15 ft. E. of Second (south) to 19 ft. W. of Second (south)		84				
Union st., from Palmer to Junior					149	
Valentine st., from 1,003 ft. W. of Brock av. to West French av					136	
Water st., from 8x8x8x8 branch in Maxfield, 2.3 ft. W. of Second, N. 15 ft., thence E. 15 ft. to 10 ft. S. of N. line Maxfield				30		
Weaver st., from 354 ft. W. of Dartmouth, west						158
West French av., from 66 ft. S. of Willard to Valentine					166	
Winsor st., from 131 ft. W. of Crapo to Bonney					117	
Totals	2575	787	4077	6346	9831	634

*Pipe laid replaces pipe which was badly deteriorated by cinder filling.

†Changed location of 8″ Union St. main from pipe line Water, east to make way for sewer manhole.

TABLE B—CONTINUED.

LOCATION AND SIZE OF CAST IRON MAIN PIPE REMOVED IN 1915.

Streets	12 in.	10 in.	8 in.	6 in.	4 in.
Acushnet ave., from 81.7 ft. S. of Wamsutta to 125.4 ft. N. of Wamsutta	252				
*Belleville ave., from 3 ft. N. of Sawyer to Holly			253		
*Belleville ave., from Holly to Tallman		251			
Bridge (N. B. & Fairhaven) from west end of 6″ flange pipe in Popes Island west abutment across river channel to east end of east 6″ ⅛ turn on west side of east abutment wall of Fish Island, flexible joint pipe				724	
First st., from 14 ft. N. of Rivet to 41 ft. S. of Howland					2139
Front st., from Potomska to S. line Grinnell					1057
Front st., from S. line Grinnell to Grinnell st. main				14	
Front st., from Grinnell st. main to Howland					575
*Holly st., from Belleville ave., west		44			
Liberty st., from Morgan to Kempton					709
Logan st., from 12x12x12x12 branch at Acushnet ave. to 17 ft. W. of Acushnet ave	33				
Maxfield st., from Second st. main to 15 ft. W. of E. line Second			11		
Potomska st., from 7 ft. E. of W. line to 16 ft. W. of E. line First			17		
Rodman st., from Water st. main to 5 ft. W. of E. line Water					21
School st., from Acushnet ave. to Purchase					250

TABLE B—CONTINUED.

	12″	10″	8″	6″	4″
Second st., from 1 ft. S. of N. line Madison to 1 ft. N. of S. line Spring					914
Second st., from 1 ft. N. of S. line Spring to 20 ft. N. of S. line Spring			19		
Second st., from 20 ft. N. of S. line Spring to 30x30x 12x12 branch at Union, 4 ft. N. of present S. line					221
South st., from First to 18 ft. E. of Second			194		
Spring st., from Second st. main, east				6	
Spring st., from Second st. main, west				7	
Spring st., from 7 ft. W. of Second st. main to 26 ft. E. of Acushnet ave					167
†Union st., from 12x12x10x10 branch at Water to 11 ft. W. of E. line Water			15		
Union st., from 15 ft. E. of Second (south) to 19 ft. W. of Second (south)	74				
Water st., from 8x8x8x8 branch in Maxfield, at Second, to 10 ft. S. of N. line Maxfield			16		
Totals	359	295	525	751	6053

*Pipe removed was badly deteriorated by cinder filling.

†Changed location of 8″ Union St. main from pipe line Water, east, to make way for sewer manhole.

TABLE B — Concluded.

SUMMARY.

	Steel	Cast Iron										
	48 in.	48 in.	36 in.	30 in.	24 in.	20 in.	16 in.	12 in.	10 in.	8 in.	6 in.	4 in.
Previous to 1915	42463	104	61820	31269	9786	11310	48488	50994	66480	173369	294697	67060
Laid in 1915				2575				787	4077	6346	9831	634
Total laid.....	42463	104	61820	33844	9786	11310	48488	51781	70557	179715	304528	67694
Removed in 1915								359	295	525	751	6053
Total now in use	42463	104	61820	33844	9786	11310	48488	51422	70262	179190	303777	61641

Total length laid in 1915, 24,250 feet or 4.59280 miles.
Total length removed in 1915, 7,983 feet or 1.51193 miles.
Total length of pipe in use December 1st, 1915, 874,107 feet or 165.55056 miles.

TABLE C.

Location and Size of Small Sized Distribution Pipe Laid in 1915.

Streets	2 in. brass and galv. iron	2 in. cast iron	1½ in. galv. iron
Lombard st., from Rockland to 232 ft. N. of Rockland		258	
Bridge (N. B. and Fairhaven), from east end of 6x6x6 branch, 83 ft. west of iron plate over Fish Island east abutment, east, south and up, to surface of bridge, 20 ft. 2″ brass pipe, thence east, over draw, 779 ft. 2″ galv. iron pipe to Popes Island west abutment, thence down and north, 18 ft. 2″ brass pipe to 6x6x4 branch, 18 ft. east of iron plate over west abutment	817		
Located in Freetown:—			
Quittacas ave., from 44 ft. E. of 4″ Middleboro rd. main, east			3
Totals	817	258	3

In use previous to 1915 ..... 4722 feet
Laid in 1915 ..... 1078 feet

Total in use December 1, 1915 ..... 5800 feet or 1.09848 miles

TABLE D.

Location and Size of Stop Gates Set in 1915.

Streets	30 in.	12 in.	10 in.	8 in.	6 in.	4 in.
Acushnet av., north side Wall		1				
Acushnet av., S. of Wamsutta, 82 ft		1				
Acushnet av., south side Wamsutta		1				
Acushnet av., north side Wamsutta		1				
Acushnet av., N. of Wamsutta, 125 ft		1				
Adams st., east side Mt. Pleasant					1	
Aquidneck st., west side Brock av				1		
Arnold st., west side Rounds, (south)				1		
Baylies st., north side Wood					1	
Belleville av., S. of Bullard, 22 ft			1			
Bonney st., south side Windsor, (main E. side sewer)				1		
Brock av., at hydt., N. side, W. of Bonney, 163 ft					1	
Brock av., W. of Bonney, 227 ft			1			
Brock av., at hydt., N. side, W. of Bonney, 293 ft					1	
Brock av., W. of Bonney, 324 ft			1			
Brock av., at hydt., N. side, W. of Bonney, 660 ft					1	
Brock av., east side Orchard			1			
Brock av., N. of S. line Rockdale av., 29 ft			1			
Brock av., south side Rockdale av				1		
Brock av., at hydt., N. side, W. of Rockdale av., 379 ft					1	
Brock av., at hydt., N. side, W. of Rockdale av., 764 ft					1	
Brock av., W. of Rockdale av., 768 ft				1		
Brock av., at hydt., N. side, W. of Rockdale av., 1138 ft					1	
Brock av., at hydt., N. side, W. of Rockdale av., 1529 ft					1	
Brownell st., north side Hawthorn					1	
Brownell st., south side Arnold					1	
Chancery st., north side Smith					1	
Coggeshall st., east side Mt. Pleasant					1	
Concord st., north side Princeton					1	
Cottage st., north side Elm				1		
First st., at hydt., W. side, S. of South, 332 ft.					1	
First st., south side South	1					
First st., north side South		1				
First st., south side Grinnell		1				
First st., north side Grinnell					1	
Front st., north side Potomska				1		
Front st., south side South				1		
Front st., north side South				1		
Front st., south side Grinnell				1		
Front st., north side Grinnell				1		

TABLE D—CONTINUED.

	30 in.	12 in.	10 in.	8 in.	6 in.	4 in.
Front st., south side Howland				1		
Gosnold st., east side Hemlock					1	
Grinnell st., west side Prospect			1			
Hemlock st., north side Rockdale av				1		
Holly st., west side Belleville av			1			
Kempton st., west side Purchase			1			
Kempton st., at hydt., S. side, E. of N. B. and Dartmouth line, 31 ft					1	
Landry st., south side Wood						1
Liberty st., south side Kempton					1	
Lowell st., north side Tarkiln Hill rd					1	
Maxfield st., west side Emerson				1		
Middle st., at hydt., S. W. cor. Pleasant					1	
Middle st., east side Cottage						1
Myrtle st., south side Sawyer					1	
Orchard st., north side Brock av			1			
Orchard st., at hydt., N. W. cor. Brock av					1	
Palmer st., north side Arnold				1		
Phillips rd., at hydt., S. side, E. of Church, 464 ft					1	
Phillips rd., at hydt., S. E. cor. Church					1	
Phillips rd., east side Church			1			
Phillips rd., north side Phillips rd., (east)			1			
Phillips rd., at hydt., W. side, N. of Phillips rd., (east) 519 ft					1	
Potomska st., east side First				1		
Potomska st., west side First				1		
Rockdale av., west side Brock av			1			
Rockdale av., at hydt., S. W. cor. Brock av					1	
Rockdale av., at hydt., S. side, W. of Brock av., 237 ft					1	
Rockdale av., at hydt., S. side, E. of Bolton, 177 ft					1	
Rockdale av., east side Bolton			1			
Rounds st., north side Hawthorn				1		
Rounds st., south side Arnold				1		
School st., east side Purchase					1	
Second st., south side School	1					
Second st., at hydt., S. E. cor. Union				1		
Second st., south side Union	1					
Second st., south side Maxfield					1	
South st., east side First				1		
Spring st., east side Second					1	
Spring st., west side Second					1	
Sycamore st., west side Emerson					1	
Tarkiln Hill rd., at hydt., S. side, opp. Lowell					1	
Union st., east side Second		1				
Union st., west side Second		1				
Union st., east side Palmer					1	
Valentine st., east side West French av					1	
Walnut st., east side Second					1	

TABLE D—CONTINUED.

	30 in.	12 in.	10 in.	8 in.	6 in.	4 in
Walnut st., west side Second					1	
Water st., north side Leonard			1			
Totals	3	9	14	21	39	2

TABLE D—CONTINUED.

Location and Size of Stop Gates Removed in 1915.

Streets	12 in.	10 in.	6 in.	4 in.
Acushnet av., at hydt., west side, S. of Wamsutta, 250 ft			1	
Acushnet av., south side Wamsutta	1			
Acushnet av., north side Wamsutta	1			
First st., north side Potomska				1
First st., S. of South, 20 ft				1
First st., south side Grinnell				1
First st., north side Grinnell				1
Front st., north side Potomska				1
Front st., south side South				1
Front st., south side Grinnell			1	
Front st., north side Grinnell				1
Holly st., west side Belleville av		1		
Kempton st., west side Purchase		1		
Liberty st., south side Kempton				1
School st., east side Purchase				1
Second st., south side Walnut				1
Second st., north side Walnut				1
Second st., south side Union				1
Spring st., west side Second				1
Union st., at hydt., S. W. cor. Second			1	
Totals	2	2	3	13

TABLE D—CONCLUDED.

Number of stop gates set in 1915	88
Number removed	20
Number to be added	68
Number in use December 1, 1914	2139
Number in use December 1, 1915	2207

TABLE E.

Location and Size of Small Sized Stop Gates Set in 1915.

Streets	2 in.	1½ in.
Bridge, Popes Island, E. of E. line of iron plate over W. abutment, 18 ft.	1	
Bridge, Fish Island, W. of W. line of iron plate over E. abutment, 82 ft.	1	
Lombard st., north side Rockland	1	
Located in Freetown:—		
Quittacas av., E. of W. line Middleboro rd. (fence), 46 ft.		1
Totals	3	1

Location and Size of Small Sized Stop Gates Removed in 1915.

Streets	2 in.
First st., at wateringcart hydrant, south of Grinnell, 28 ft.	1
Total	1

Number set during 1915	4
Number removed	1
To be added	3
Number in use December 1, 1914	106
Number in use December 1, 1915	109

TABLE F.

Location and Size of Waste Gates Set in 1915.

Streets	4 in.	2 in.
Bridge, Popes Island, E. of E. line of iron plate over W. abutment Popes Island, 17 ft.....		1
Bridge, Fish Island, W. of W. line of iron plate over E. abutment Fish Island, 82 ft.....		1
Middle st., W. of Pleasant (north), 28 ft.....	1	
Second st., at School.....	1	
Totals.....	2	2

Number of waste gates set in 1915.....	4
Number removed.....	0
Number to be added.....	4
Number in use December 1, 1914.....	164
Number in use December 1, 1915.....	168

TABLE G.

Location and Size of Private Stop Gates Set in 1915.

Streets	10 in.	8 in.	6 in.	4 in.	3 in.	2 in.
Coffin av., at Whitman Mills, E. of Riverside av., 243 ft., (to correct error report 1896, entered as 8 in. gate)	1					
Dartmouth st., at Town of Dartmouth Supply, N. from S. line Rockdale av., 7.5 ft.			1			
Dartmouth st., at Town of Dartmouth Supply, N. from S. line Rockdale av., 14.4 ft.	1					
Dartmouth st., at Town of Dartmouth Supply, N. from S. line Rockdale av., 14.9 ft.			1			
Elm st., at Harry M. Chapman Bldg., E. of Pleasant, (north), 7.8 ft.				1		
Front st., at Merchants' Terminal Warehouse Co., N. of Elm, 14 ft.			1			
Grinnell st., at City Mfg. Co., E. of Prospect, 125 ft.		1				
Kempton st., at Town of Dartmouth Supply, E. from N. B. and Dartmouth line, 9.2 ft.		1				
Kempton st., at Town of Dartmouth Supply, E. from N. B. and Dartmouth line, 21.6 ft.		1				
Kempton st., at Town of Dartmouth Supply, E. from N. B. and Dartmouth line, 23 ft.		1				
Kempton st., at Town of Dartmouth Supply, E. from N. B. and Dartmouth line, 31 ft.		1				
Mechanics lane, at Merchants National Bank, W. of Purchase, 38.6 ft.					1	
North st., at Holy Family High School, E. of Summer, 55 ft.						1
Pope st., at Z. B. Davis's, E. of Acushnet av., 15 ft.			1			
Second st., at J. Rubin's, S. of Coffin, 88.6 ft.					1	
Union st., at Steiger, Dudgeon Co., W. of Purchase, (north), 26.7 ft.				1		
Union st., at Masonic Bldg., E. of Pleasant, (north), 90.8 ft.				1		
Union st., at N. B. Dry Goods Co., E. of Pleasant, (south), 76.2 ft.				1		
Union st., at First National Bank, W. of Pleasant, 86.7 ft.				1		
Union st., at First National Bank, W. of Pleasant, 89.7 ft.					1	
Union st., at Elks' Building, E. of Sixth, 65.2 ft.				1		
Union st., at Elks' Building, E. of Sixth, 63 ft.					1	
Water st., at N. E. Cotton Yarn Co., N. B. Spinning Dept., S. of Hillman, 59.3 ft.		1				

TABLE G—CONTINUED.

	10 in.	8 in.	6 in.	4 in.	3 in.	2 in.
William st., at Cummings Building, W. of Purchase, 47.6 ft.				1		
William st., at Cummings Building, W. of Purchase, 50.6 ft.						1
Totals	2	6	4	7	4	2

TABLE G—CONCLUDED.

Location and Size of Private Stop Gates Removed in 1915.

Streets	8 in.	6 in.	3 in.	2 in.
Coffin av., at Whitman Mills, E. of Riverside av., 243 ft., (to correct error report 1896, entered as 8 in. gate, should be 10 in.)	1			
Front st., at Pier No. 4, Rotch's N. wharf, on N. line Hamilton, 40.3 ft. E. of N. Y., N. H. & H. R. R. Co fence			1	
Hillman st., at N. E. Cotton Yarn Co., (N. B. Spinning Dept.), W. of Water, (south), 91.5 ft.		1		
Kilburn st., at Grinnell Mfg. Corp., E. of Belleville av., 342 ft	1			
Kilburn st., at Grinnell Mfg. Corp., E. of Front. 146.7 ft		1		
Nye st., at St. Anthony's Church, E. of Bowditch, 217.8 ft				1
Prospect st., at City Mfg. Corp., N. of South, 86.4 ft		1		
William st., at Merchants Bank Bldg., W. of Purchase, 68.5 ft			1	
Totals	2	3	2	1

Number set during 1915	25
Number removed	8
To be added	17
Number in use December 1, 1914	329
Number in use December 1, 1915	346

TABLE H.

Location and Size of Air Taps Set in 1915.

Streets	¾ in.
First st., in south side 30″ gate box, S. of South, 16 ft.	1
Second st., in south side 30″ gate box, on S. line School	1
Second st., in south side 30″ gate box, S. of Union, 14 ft.	1
Total	3

Number of air taps set in 1915	3
Number removed	0
Number to be added	3
Number in use December 1, 1914	167
Number in use December 1, 1915	170

TABLE I.

Location of Hydrants Set in 1915.

Aquidneck st., south side, 304 ft. W. of Brock av.
Arnold st., south side, opp. Palmer.
Bank st., S. W. cor. Matthew.
Baylies st., S. W. cor. Hersom.
Bedford st., S. W. cor. Brigham.
Bedford st., south side, 327 ft. W. of Brigham.
Bonney st., east side, 173 ft. S. of Winsor.
Brock av., north side, 163 ft. W. of Bonney.
Brock av., north side, 293 ft. W. of Bonney.
Brock av., north side, 660 ft. W. of Bonney.
Brock av., north side, 379 ft. W. of Rockdale av.
Brock av., north side, 764 ft. W. of Rockdale av.
Brock av., north side, 1138 ft. W. of Rockdale av.
Brock av., north side, 1529 ft. W. of Rockdale av.
Brownell st., N. W. cor. Hawthorn.
Brownell st., N. W. cor. Maple.
Charles st., south side, 282 ft. E. of Brock av.
Coggeshall st., S. W. cor. Summer.
Concord st., S. W. cor. Irvington.
Cottage st., S. W. cor. Elm.
Edison st., west side, 44 ft. N. of Glennon.
Edward st., south side, 200 ft. E. of Field.
Emerson st., S. W. cor. Sycamore.
First st., west side, 332 ft. S. of South.
First st., N. W. cor. South.
First st., S. W. cor. Grinnell.
First st., N. W. cor. Maiden lane.
Front st., west side, 330 ft. S. of South.
Front st., S. W. cor. South.
Front st., west side, 283 ft. S. of Howland.
Front st., S. W. cor. Howland.
Glennon st., S. E. cor. Edison.
Gosnold st., S. E. cor. Hemlock.
Grinnell st., S. W. cor. Prospect.
Hersom st., south side, 104 ft. E. of Baylies.
Junior st., west side, 526 ft. S. of Union.
Junior st., west side, 301 ft. S. of Union.
Kempton st., S. W. cor. Purchase.
Kempton st., south side, 27 ft. E. of N. B. and Dartmouth line.
Landry st., west side, 456 ft. S. of Wood.
Liberty st., S. W. cor. Middle.
Lowell st., west side, 315 ft. N. of Tarkiln Hill rd.
Maple st., south side, 86 ft. W. of Reed.
Middle st., S. W. cor. Pleasant.
Oaklawn st., south side, 589 ft. W. of Brock av.
Oaklawn st., south side, 884 ft. W. of Brock av.
Orchard st., N. W. cor. Brock av.
Palmer st., west side, 272 ft. S. of Union.

Phillips rd., south side, 461 ft. E. of Church.
Phillips rd., S. E. cor. Church.
Phillips rd., west side, 516 ft. N. of Phillips rd. (east).
Pontiac st., south side, 116 ft. W. of Acushnet av.
Potomska st., S. W. cor. First.
Princeton st., south side, 999 ft. W. of Bowditch.
Query st., south side, 307 ft. W. of Bowditch.
Query st., south side, 491 ft. W. of Bowditch.
Reed st., S. W. cor. Maple.
Reed st., west side, 235 ft. S. of Union.
Rochambeau st., west side, 487 ft. N. of Irvington.
Rockdale av., south side, 177 ft. E. of Bolton.
Rockdale av., south side, 237 ft. W. of Brock av.
Rockdale av., S. W. cor. Brock av.
Rounds st., S. W. cor. Maple.
Ryan st., S. E. cor. Palmer.
School st., S. W. cor. Second.
Second st., S. E. cor. Union.
Smith st., S. W. cor. Chancery.
Spring st., S. W. cor. Second.
Tarkiln Hill rd., south side, opp. Lowell.
Valentine st., S. E. cor. West French av.
Walnut st., S. W. cor. Second.
Wamsutta st., S. W. cor. Acushnet av.
Weaver st., south side, 511 ft. W. of Dartmouth.
Willard st., S. E. cor. West French av.
Winsor st., S. E. cor. Bonney.

Hydrants Removed in 1915.

Acushnet av., west side, 250 ft. S. of Wamsutta.	Post.
Bank st., west side, 225 ft. S. of Matthew.	Post.
Bedford st., south side, 243 ft. W. of Brigham.	Post.
Brownell st., west side, 117 ft. S. of Maple.	Post.
Charles st., south side, 122 ft. E. of Brock av.	Post.
Edward st., south side, 157 ft. W. of Dartmouth.	Post.
Edward st., south side, 90 ft. E. of Field.	Post.
First st., N. W. cor. Potomska.	Post.
First st., west side, 187 ft. S. of Howland.	Post.
Front st., west side, 330 ft. S. of South.	Post.
Front st., west side, 268 ft. S. of Howland.	Post.
Glennon st., south side, 408 ft. W. of Brook.	Post.
Gosnold st., south side, 431 ft. W. of Bolton.	Post.
Hemlock st., west side, 249 ft. S. of Winsper.	Post.
Kempton st., S. W. cor. Purchase.	Post.
Liberty st., S. W. cor. Middle.	Post.
Middle st., S. W. cor. Pleasant.	Post.
Oaklawn st., south side, 183 ft. W. of Brock av.	Post.

Query st., south side, 179 ft. W. of Bowditch.	Post.
Reed st., west side, 189 ft. N. of Hawthorn.	Post.
Ryan st., south side, 126 ft. W. of Brownell.	Post.
Second st., west side, 74 ft. S. of Spring.	Flush.
South st., S. W. cor. First.	Post.
Tarkiln Hill rd., south side, 125 ft. W. of Bowditch.	Post.
Union St., S. W. cor. Second.	Post.
Valentine st., south side, 118 ft. E. of West French av.	Post.
Walnut st., S. W. cor. Second.	Post.
West French av., east side, 65 ft. S. of Willard.	Post.
Winsor st., south side, 130 ft. W. of Crapo.	Post.

Number set during 1915	75
Number removed during 1915	29
Number to be added	46
Number in use December 1, 1914	1304
Number in use December 1, 1915	1350

TABLE J.

Location of Watering Cart Hydrant Removed in 1915.

First st., west side, 28 ft. S. of Grinnell.	Flush.
Number in use December 1, 1914	74
Number removed during 1915	1
Number in use December 1, 1915	73

TABLE K.

Statement of Work Done by the Service Department for the Year Ending December 1, 1915.

Kind and Size.	Number of Services	Length on Taker.	Length on City.
Lead pipe, 1 inch heavy	10	479.0	212.0
Lead pipe, ¾ inch light	103	1991.5	2268.0
Lead pipe, ¾ inch heavy	6	60.0	147.0
Lead pipe, ⅝ inch light	168	2460.0	3899.0
Lead pipe, ⅝ inch heavy	123	1692.0	2953.5
Cast iron pipe, 10 inch	1	20.5	
Cast iron pipe, 8 inch	3	656.5	
Cast iron pipe, 6 inch	2	151.5	
Cast iron pipe, 4 inch	7	339.0	
Cast iron pipe, 3 inch	4	49.0	
Cast iron pipe, 2 inch	2	96.5	
Galvanized pipe, 1¼ inch	0	272.0	
Galvanized pipe, 1 inch	1	204.0	
Galvanized pipe, ¾ inch	1	90.0	
Totals	431	8561.5	9479.5

Two ¾ inch iron services have been removed and replaced with ¾ inch light lead.

One ¾ inch tin lined service has been removed and replaced with ⅝ inch heavy lead.

One ¾ inch heavy lead service has been removed and replaced with 1 inch heavy lead.

Three ⅝ inch iron services have been removed and replaced with ⅝ inch heavy lead.

Two ⅝ inch heavy lead services have been removed and replaced with 1 inch heavy lead.

One ⅝ inch light lead service has been removed and replaced with ¾ inch light lead.

One ⅝ inch light lead service has been removed and replaced with ⅝ inch heavy lead.

Two ½ inch heavy lead services have been removed and replaced with ⅝ inch heavy lead.

Five connections to services previously laid have been made by the owners.

Ten connections to services previously laid have been made by the city, using 30 feet ¾ inch light lead, 126.5 feet ⅝ inch light lead, 191 feet ⅝ inch heavy lead, 54.5 feet ½ inch heavy lead.

Twenty-four extensions to services previously laid have been made by the city, using 36 feet 12 inch cast iron, 168 feet 10 inch cast iron, 262 feet 8 inch cast iron, 1096 feet 6 inch cast iron, 249 feet 4 inch cast iron, 83 feet 2 inch cast iron, 33 feet ¾ inch heavy lead, 67 feet ¾ inch light lead, 42 feet ⅝ inch heavy lead, 65 feet ⅝ inch light lead, 26 feet ½ inch heavy lead.

Eight connections to services previously laid by the owners have been discontinued.

Six connections to services previously laid by the city have been discontinued.

One 8 inch cast iron, three 6 inch cast iron, one 3 inch cast iron, one 2 inch galvanized iron, one 1¼ inch heavy lead, one 1 inch heavy lead, two 1 inch light lead, six ¾ inch heavy lead, seven ¾ inch light lead, one ⅝ inch iron, seventeen ⅝ inch heavy lead, ten ⅝ inch light lead, seventeen ½ inch heavy lead services have been removed.

Length of service pipe laid during the year,	20,570 feet.
Number of services laid in 1915.....	431
Number removed.....	68
Number to be added.....	363
Number in use December 1, 1914.....	14,407
Number in use December 1, 1915....	14,770

SUMMARY OF STATISTICS

FOR THE YEAR ENDING 1915.

IN FORM RECOMMENDED BY THE NEW ENGLAND WATER WORKS ASSOCIATION.

NEW BEDFORD WATER WORKS.

NEW BEDFORD,

BRISTOL COUNTY, MASS.

GENERAL STATISTICS.

Population by census of 1915, 109,568.

Date of construction, 1866 to 1869, inclusive. Further supply, 1895 to 1901, inclusive.

By whom owned, City of New Bedford.

Source of supply.—Water was first introduced on Nov. 26, 1869. From that date until July 10, 1899, the supply was taken from a storing reservoir artificially formed by constructing a dam across the valley of the Acushnet River, seven miles north of the centre of the City. This supply was augmented by a connection made in 1886 with Little Quittacas Pond.

Since July 10, 1899, the whole supply has been taken from Great and Little Quittacas Ponds, eleven miles north of the centre of the city.

Mode of supply.—Previous to July 10, 1899, the water flowed by gravity from the Acushnet Storing Reservoir (grade 40′ + high water New Bedford Harbor) through a brick conduit 3 feet wide, 4 feet high, 5 6-10 miles long to a receiving reservoir (capacity 3 million gallons; grade 30′) located opposite the Purchase Street Pumping Station. Thence it was pumped into the Mt. Pleasant Distributing Reservoir (capacity 15 million gallons; grade 154′) located 1,879 feet distant, from whence it flowed by gravity into the city's distributing system.

Since July 10, 1899, the entire supply has been pumped from Little Quittacas Pond (grade 52′ through a 48-inch steel force main 8¼ miles long) to a distributing reservoir (capacity 67 millions gallons; grade 216′) located upon High Hill, in the town of Dartmouth. From this reservoir it flows into the city's distributing system by gravitation through two 36-inch cast iron pipes averaging 4 1-17 miles in length.

The first named system is not now in use, but is held in reserve to meet any emergency which might occur.

PUMPING STATISTICS.

1. Builders of Pumping Machinery.
   Purchase Street Station:
   a. McAlpine engine,
   built by Quintard Iron Works, Cap. 5,000,000 gals. per 24 hrs.
   b. Duplex engine,
   built by Henry R. Worthington, Cap. 3,000,000 gals. per 24 hrs.
   c. High duty engine,
   built by Henry R. Worthington, Cap. 5,000,000 gals. per 24 hrs.
   Little Quittacas Station:
   a. b. Leavitt engines in duplicate, built by Dickson Mfg. Co., Capacity of the two engines 20,000,000 gallons per 24 hrs.
2. Description of fuel used.
   a. Kind—bituminous.
   b. Brand of coal—Pocahontas.
   c. Price of coal per gross ton—delivered Little Quittacas Station, $4.41.
   d. Percentage of ash—7.
   e. Wood, price per cord—none used.

LITTLE QUITTACAS STATION—Engine B.

3. Coal consumed for the year—3,264,220 lbs.
4. [Pounds of wood consumed] ÷ 3 = equivalent amount of coal—none used.
5. Total equivalent coal consumed for the year = (3) + (4), 3,264,220 lbs.
6. Total pumpage for the year—2,759,787,006 gallons, with allowance for slip.
7. Average static head against which pumps work—168.62 feet.
8. Average dynamic head against which pumps work—185.43 feet.

9a. Number of gallons pumped per pound of equivalent coal (5)—844.

9b. Number of gallons raised 100 feet per pound of equivalent coal (5)—1565.

10. Duty $= \frac{\text{gals. pumped (6) x 8.34 (lbs. x 100 x dynamic head (8)}}{\text{Total fuel consumed (5)}} = 130,750,148$

    Cost of pumping, figured on pumping station expenses, viz.: $22,681.00

11. Per million gallons pumped—$8.22
12. Per million gallons raised one foot (dynamic)—4 1/10 cents

    Cost of pumping figured on total maintenance and interest on bonds, (see financial CC+DD) viz.: $192,779.76

13. Per million gallons pumped—$69.85
14. Per million gallons raised one foot (dynamic)—37 7/10 cents

FINANCIAL STATISTICS.

RECEIPTS.

Balance brought forward:			$4,241.07
(a)	From ordinary (maintenance) receipts,		$39,221.50
(b)	From extraordinary receipts (bonds, etc.)		
	Total,		$43,462.57
From water rates:			
A.	Fixture rates,		
B.	Meter rates, $291,029.44		
C.	Total from consumers,	$291,029.44	
D.	For hydrants,		
E.	For fountains,		
F.	For street watering,		764.22
G.	For public buildings,		
H.	For miscellaneous uses,		68.71
I.	General appropriations,		
J.	Total from municipal departments,		
K.	From tax levy,		
L.	From bond issue,		
M.	From other sources:		
	For building purposes,		1,788.08
	For meter rentals,		11,066.84
N.	Total,		$348,179.86

EXPENDITURES.

Water works maintenance:			
AA.	Operation, (management and repairs),	$117,479.76	
CC.	Total maintenance,		$117,479.76
DD.	Interest on bonds,		75,300.00
	(CC + DD),		$192,779.76
EE.	Payments of bonds,		21,000.00
FF.	Sinking fund,		27,930.00
Water works construction:			
GG.	Extension of mains,	$63,598.90	
HH.	Extension of services,	8,461.26	
II.	Extension of meters,	8,504.10	
JJ.	Special:	333.71	
K.K.	Total construction,		80,897.97
LL.	Unclassified expenses:		
MM.	Balance:		
	(aa) Ordinary,	$25,572.13	
	Total balance,		25,572.13
N.	Total,		$348,179.86

Disposition of balance,

O.	Net cost of works to date	$4,730,909.48
P.	Bonded debt at date	1,960,000.00
Q.	Value of sinking fund at date	849,007.29
R.	Average rate of interest	$3\frac{98}{100}$ + per cent.

STATISTICS OF CONSUMPTION OF WATER.

1. Estimated total population at date.....110,000
2. Estimated population on lines of pipe.....108,000
3. Estimated population supplied.....107,000
4. Total consumption for the year....2,791,655,778 gallons
5. Passed through meters.....2,368,916,167 gallons
6. Percentage of consumption metered.....85 per cent.
7. Average daily consumption.....7,648,372 gallons
8. Gallons per day to each inhabitant.....70
9. Gallons per day to each consumer.....71
10. Gallons per day to each tap.....518
11. Cost of supplying water, per million gallons figured on total maintenance (item CC).....$42.09
12. Total cost of supplying water, per million gallons, figured on total maintenance + interest on bonds $69.06

STATISTICS RELATING TO DISTRIBUTING SYSTEM.

MAINS.

1. Kind of pipe, cast iron and steel.
2. Sizes, from 4 inch to 48 inch.
3. Extended 24,250 feet during the year.
4. Discontinued 7,983 feet during year.
5. Total now in use 165 $\frac{55056}{100000}$ miles.
6. Cost of repairs per mile, $36.67.
7. Number of leaks per mile, .1510.
8. Length of pipes less than 4 inches diam., $1\frac{9848}{100000}$ miles.
9. Number of hydrants added during year (public and private), 47.
10. Number of hydrants (public and private) now in use, 1737.
11. Number of stop gates added during the year, 68.
12. Number of stop gates now in use, 2,207.
13. Number of stop gates smaller than 4 inch, 109.
14. Number of blow offs, 168.
15. Range of pressure on mains, 25 lbs. to 95 lbs.

SERVICES.

16. Kind of pipe: lead, wrought iron and cast iron,
17. Sizes, ½ inch to 10 inch.
18. Extended 20,570 feet.
19. Discontinued 3,759 feet.
20. Total now in use, 104.45 miles.
21. Number of service taps added during year, 363.
22. Number now in use, 14,770.
23. Average length of service, 37.3 feet.
24. Average cost of service for the year:
    a. Gross, $19.63.
    b. Net, $9.12.
25. Number of meters added, 352.
26. Number now in use, 14,140.
27. Percentage of services metered, $95\frac{7}{10}$.
28. Percentage of receipts from metered water (B ÷ C), 100.

CITY ORDINANCES

PASSED BY THE CITY COUNCIL

OF THE

CITY OF NEW BEDFORD,

MASSACHUSETTS

FROM JUNE 1, 1915 TO JUNE 1, 1916

ONE WAY STREETS.

AN ORDINANCE REPEALING AN ORDINANCE ENTITLED "AN ORDINANCE REGULATING TRAFFIC ON CERTAIN STREETS."

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. An ordinance entitled "An Ordinance Regulating Traffic on Certain Streets" passed to be ordained October 27, 1910, and approved October 28, 1910, is hereby repealed.

Section 2. This ordinance shall take effect upon its passage.

In Board of Aldermen, June 16, 1915. Passed to be ordained.
EDW. R. HATHAWAY, Mayor.

In Common Council, June 16, 1915. Passed to be ordained.
JAMES F. COLLINS, President.

Presented to and approved by the Mayor, June 17th, 1915. A true copy attest:— W. H. B. REMINGTON, City Clerk.

AN ORDINANCE AMENDING AN ORDINANCE ENTITLED "AN ORDINANCE REGULATING THE PASSAGE OF VEHICLES IN THE STREETS."

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. Section 1, paragraph 31 of an Ordinance entitled, "An Ordinance Regulating the Passage of Vehicles in the Streets;" passed to be ordained September 11, 1913, and Approved September 12, 1913, is hereby amended by striking out the whole of said section, the said section being under the heading "One Way Streets."

Section 2. This ordinance shall take effect upon its passage.

In Board of Aldermen, June 16, 1915. Passed to be ordained.
EDWARD R. HATHAWAY, Mayor.

In Common Council, June 16, 1915. Passed to be ordained.
JAMES F. COLLINS, President.

Presented to and approved by the Mayor, June 17th, 1915. A true copy attest:— W. H. B. REMINGTON, City Clerk.

JITNEY ORDINANCE.

AN ORDINANCE REGULATING THE TRANSPORTATION OF PASSENGERS, FOR HIRE, BY MEANS OF MOTOR VEHICLES.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. On and after July 1, 1915, no person shall engage in the business of transporting in the City of New Bedford passengers for hire by means of any motor vehicles, not running on tracks or rails, and operated for the purpose of affording a means of treet transportation similar to that ordinarily afforded by street railways by accepting and discharging passengers along the route traversed by such vehicle, without first obtaining from the city clerk of said city a special annual license for each vehicle to be employed by such person in said business, and unless such license for such vehicle is in force. Such vehicle so employed in said business is termed a "motor bus," and is not deemed a hackney carriage, but is a vehicle subject to all street traffic regulations so far as applicable and consistent herewith.

Section 2. The city clerk of said city, in accordance with the provisions of Chapter 141 of the Acts of the Legislature of 1914, is hereby authorized to grant to any persons including individuals, firms and corporations, residents within this state, applying therefor and deemed by him suitable to conduct such business, such special license for such vehicle, but said city clerk shall not grant such license for any such vehicle until the same has been inspected by the chief of police, or some person designated by said chief of police, and until it has been reported by the said chief of police to the city clerk, in writing, that the said vehicle is in safe and proper condition for use in said business. Such license shall expire at twelve o'clock, midnight, on the thirtieth day of June next succeeding the date thereof. The name, place of residence and postoffice address of the licensee, a brief description of the vehicle licensed, the serial number of the license and the term of the license shall be stated on the license. The application for such license shall be on a blank furnished by said city clerk, and said city clerk may require such application to be sworn to before an officer authorized to administer oaths. Said city clerk

shall keep a record of each such license issued. A fee of one dollar shall be charged for said examination by said chief.

Section 3. Said license for such bus shall be carried, at all times during the operation of said bus in any public street or place, by the driver thereof, and said driver shall, at all times, upon request of any police officer of the City of New Bedford, display said license. Failure or refusal to display said license shall be cause for revocation of said license at the discretion of the Board of Aldermen of the City of New Bedford.

Section 4. The license fee for such license, which shall be paid to the city clerk before the issuance thereof, shall be one dollar. Said city clerk shall issue to the licensee a metal seal bearing the words "Licensed Motor Bus No—" setting forth the serial number of the license, and for said seal shall collect one dollar before the issuance of said license. Said seal shall be attached to and kept on the dash of the bus at all times during the license term when said bus is in use in any street or public place in said city.

Section 5. No person shall drive, operate or be in charge or any motor bus in any street or public place in said city without first obtaining a special motor bus driver's license from the city clerk, who is hereby authorized to issue the same. No such license shall be granted to any person under the age of eighteen years, or not a resident of the state, and no such license shall be granted to any person who does not possess a chauffeur's license, issued to him by the Massachusetts Highway Commissioners, and in force at the time when such application is made. Such special motor bus driver's license shall expire at twelve o'clock, midnight, on the thirtieth day of June next succeeding the date thereof. The application for such motor bus driver's license shall be made on a blank furnished by the city clerk, and said city clerk may require such application to be sworn to before an officer authorized to administer oaths. The name, place of residence and postoffice address of the licensee, a brief personal description of the licensee sufficient for identification, the serial number of the license, and the term of the license, shall be stated in the license. It shall be a condition of the license that the licensee shall, at all times, during his operation of any motor bus in any public street or place, display such license upon request of any police officer of the City of New Bedford. Failure or refusal to dis-

play said license shall be cause for the revocation of said license at the discretion of the board of aldermen of the City of New Bedford. The city clerk shall keep a record of each such license issued. The fee for such license shall be one dollar.

Section 6. The city clerk, at the time of issuing such motor bus driver's license shall deliver to the licensee a distinguishing badge, made of metal or other suitable material, bearing the words "Motor Bus Driver's License, No. —, New Bedford, Mass.," setting forth the serial number of the license, and shall collect therefor, from the licensee, before the issue of the license, one dollar. Said badge shall be worn upon the right breast of the outer garment of the licensee at all times when he is driving or in charge of any motor bus in any street or public place of the city. No such licensee shall permit any other person to wear such badge, nor shall any person wear the badge of any other licensee while driving or in charge of any motor bus in any street or public place of the city.

Section 7. The west side of Pleasant street, adjacent to the curb, between Elm and Mechanics streets, is hereby designated as a stand for motor buses whose route is from the center of the city northerly and return. The west side of Pleasant street, adjacent to the curb, between Mechanics and William streets, is hereby designated as a stand for motor buses whose route is from the center of the city southerly or westerly and return. In using said stands, every motor bus shall face to the south. In approaching said stands, every motor bus shall proceed to the south from Elm street. In leaving said stands, every motor bus shall proceed southerly on Pleasant street to William street, and so on. No motor bus shall stand or wait for passengers in any other location in the area bounded by Middle street, Acushnet avenue, Spring street and Sixth street. No motor bus shall stand or wait for passengers in the places here indicated, for a period of more than ten minutes, and the driver of every motor bus, on request of any police officer of the City of New Bedford, shall forthwith move said bus, as directed by said police officer. Failure to so remove said bus shall be cause for the revocation of the license granted for the use of said bus, and cause for the revocation of the license granted to the driver, within the discretion of the Board of Aldermen.

The Board of Aldermen may, from time to time, by order adopted at any meeting of said board, change the locations of

said stands, and designate new stands in any part of the city, as in their judgment the convenience of the public requires, making such traffic rules in connection with such designations as they may deem necessary.

Section 8. No person shall drive or cause to be operated any motor bus unless the same be equipped with proper non-skidding devices when operated in any public street or place where there is snow or ice, or where the surface of the street is in such condition that travel by motor is dangerous without the use of non-skidding devices. Violation of this section shall be cause for the revocation of the motor bus license and the driver's license in the discretion of the Board of Aldermen.

Section 9. Violation of any law of the Commonwealth made with relation to the operation of automobiles, or violation of any traffic ordinance of the City of New Bedford, shall be cause for the revocation of any motor bus license, or the revocation of any motor bus driver's license, granted and issued under authority of this ordinance.

Section 10. Every licensed motor bus shall be held subject to examination by the Chief of Police, or some person designated by him, without expense to the owner, if said Chief of Police deems such examination expedient and desirable for the safety of the public.

Section 11. No greater number of passengers shall be carried at any one time in any motor bus, and no person driving or in charge of any motor bus shall take on or suffer or permit any more persons to ride or be carried therein at any one time than such bus has seating capacity for according to the manufacturer's rating thereof; providing that in addition thereto children under seven years of age may be carried therein in arms or seated on the laps of parents or adult persons accompanying them, but no passenger with a child in arms or seated on the lap shall be admitted to any front seat beside the driver.

Section 12. No person driving or in charge of any motor bus shall permit any person to stand on the running board or step thereof, or to sit on any fender, dash or door thereof, while the bus is in motion.

Section 13. No driver or person in charge of any motor bus shall stop the same to receive or discharge any passenger except at the street curb, or permit any passenger to enter or leave the same except from the side thereof nearest the street

curb, but this latter provision shall not apply to a passenger on the front seat where the driver's seat is on the side of the curb.

Section 14. No person driving or in charge of any motor bus nor in any way connected with any motor bus shall solicit passengers by outcry or operate any noise or other device for the purpose of soliciting passengers.

Section 15. No person driving or in charge of a motor bus shall refuse to carry any person offering to be carried as a passenge therein, unless the seats of the same are fully occupied, except any person intoxicated or acting in a boisterous manner or at the time using profane or obscene language.

Section 16. Every person driving or in charge of a motor bus shall report to the Chief of Police every article left therein by any passenger, in addition to fulfilling the requirements of Chapter 94, Revised Laws.

Section 17. Any person violating any of the within rules, restrictions, requirements or regulations shall be liable to a fine of not exceeding twenty dollars ($20.00) for each offence. Conviction in any court in the Commonwealth of such violation shall also be cause for revocation or suspension of his license by the Board of Aldermen, and no new license to engage in the business set forth in Section 1 of this ordinance shall be issued until after the expiration of the term for which the revoked license was issued. The Board of Aldermen may, without notice or hearing, suspend any license granted and issued under the provisions of this ordinance for cause deemed by them sufficient, such suspension to be for not more than thirty (30) days; and the Board of Aldermen may, after notice and hearing, said notice to be mailed to the address given by the licensee in his application for said license not less than five days prior to said hearing, revoke any such license for cause deemed by said Board to be sufficient.

Section 18. This ordinance shall take effect upon its passage.

In Board of Aldermen, June 24, 1915. Passed to be ordained.
EDWARD R. HATHAWAY, Mayor.

In Common Council, June 24, 1915. Passed to be ordained.
JAMES F. COLLINS, President.

Presented to and approved by the Mayor, June 25, 1915. A true copy attest:— W. H. B. REMINGTON, City Clerk.

CITY ORDINANCE.

AN ORDINANCE AMENDING AN ORDINANCE REGULATING THE PASSAGE OF VEHICLES IN THE STREETS.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. An ordinance entitled "An Ordinance Regulating the Passage of Vehicles in the Streets," passed to be ordained September 11, 1913, and approved September 12, 1913, is hereby amended by adding at the end of Paragraph 13 of Section 1 of said ordinance, the following: "No vehicle shall pass a corner where there is stationed a traffic officer in uniform, without a signal from the officer. This provision shall apply to street cars." So that said paragraph shall read as follows: "13. At all times drivers of vehicles must stop the same on a signal from a police officer in uniform. No vehicle shall pass a corner where there is stationed a traffic officer in uniform, without a signal from the officer. This provision shall apply to street cars."

Section 2. Paragraph 36 of Section 1 of said ordinance is hereby amended by inserting after the words "street cars," the words "unless specifically included," said that said paragraph shall read as follows: "36. The word 'vehicle" herein shall include horses hitched to vehicles, horses ridden or led, motor vehicles of all kinds, bicycles, tricycles propelled by hand, and everything on wheels or runners, except street cars unless specifically included, and light carriages for the conveyance of children."

Section 3. This ordinance shall take effect upon its passage.

In Board of Aldermen, June 23, 1915. Passed to be ordained.
EDWARD R. HATHAWAY, Mayor.

In Common Council, June 24, 1915. Passed to be ordained.
JAMES F. COLLINS, President.

Presented to the Mayor for approval June 25, 1915. Approved by the Mayor July 2, 1915. A true copy, attest:—
W. H. B. REMINGTON, City Clerk.

Assistant Superintendent of Public Buildings.

CITY OF NEW BEDFORD.

In the Year One Thousand Nine Hundred and Sixteen.

AN ORDINANCE AUTHORIZING THE APPOINTMENT OF AN ASSISTANT SUPERINTENDENT OF PUBLIC BUILDINGS.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. Annually in the month of April, the Superintendent of Public Buildings may appoint, subject to confirmation by the City Council in convention, an Assistant Superintendent of Public Buildings, who may be removed, for cause, after hearing, by the Superintendent of Public Buildings and whose compensation shall be fixed by the City Council.

Section 2. The Assistant Superintendent of Public Buildings shall be under the direction of the Superintendent of Public Buildings and shall assist him in his duties; and in the absence of the Superintendent of Public Buildings or a vacancy in that office he shall discharge the duties of Superintendent of Public Buildings.

Section 3. All ordinances and parts of ordinances inconsistent herewith are hereby repealed.

Section 4. This ordinance shall take effect upon its passage.

In Board of Aldermen, April 4, 1916. Passed to be ordained.
EDWARD R. HATHAWAY, Mayor.

In Common Council, April 4, 1916. Passed to be ordained.
JOHN H. HOLLIHAN, President.

Presented to and approved by the Mayor, April 6, 1916. A true copy attest:— W. H. B. REMINGTON, City Clerk.

Moving Buildings and Obstructing Sidewalks and Streets.

AN ORDINANCE RELATING TO MOVING BUILDINGS AND OBSTRUCTION OF SIDEWALKS AND STREETS FOR BUILDING PURPOSES.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. Every application for the moving of a building in any street in the city shall be in writing, signed by the owner or by some person by him duly authorized in writing so to do, and shall state:—

(a) The dimensions of the building and the materials of its exterior and roof.

(b) The location from which and to which it is to be moved, with street and number in each case.

(c) The use to which it has been and is to be applied.

(d) The route over which it is proposed to move the building, and the method of said moving.

(e) The trees and other property liable to injury upon the streets or ways through which the building is to be moved.

(f) Whether the moving will require the cutting of electric wires or the obstruction of street railway traffic.

Such application shall be accompanied by the written consent of the superintendent of streets, and a written statement of the superintendent of public buildings that the proposed location and use will not be a violation of the laws and ordinances relating to buildings and if in his opinion the building is of sufficient strength to be safely moved.

Section 2. Every application for the obstruction of the whole or part of any sidewalk or street in the city for building purposes shall be in writing, signed by the owner or the contractor or builder, or by some person by him or them duly authorized in writing so to do, and shall state:—

(a) The approximate size of the lot and the ground dimensions of the building to be constructed, rebuilt or repaired.

(b) The number of said building on the street and the side of the street by compass designation.

(c) The materials of the outside walls of said building.

(d) The time provided in the contract for the construction of said building, if no contract the estimated time required to complete the construction, rebuilding or repairs.

(e) The space proposed to be obstructed in the street or sidewalk and the time for which said space is applied for.

(f) The nature of the obstruction and provision to be made for foot travelers in the highway.

Such application shall be accompanied by the written consent of the superintendent of streets, and the superintendent of public buildings.

Section 3. No permit shall be granted for the moving of a building in the streets of the city until the requirements of section one have been complied with, and if granted, the permit shall be granted upon the following terms:—

(a) That sufficient barriers and lights shall be maintained wherever the building is in the streets.

(b) That streets shall not be unnecessarily obstructed, and, so far as possible, safe and convenient ways for the use of foot travelers and vehicles shall be maintained around the building.

(c) That all chimneys be removed down to the roof.

Section 4. No permit shall be granted for obstructing the sidewalks or streets of the city for building purposes until the requirements of section two have been complied with, and if granted, the permit shall be granted upon the following terms:—

(a) That sufficient barriers and lights shall be maintained.

(b) That sidewalks or streets, shall not be unnecessarily obstructed, and so far as possible, safe and convenient ways for the use of foot travelers and vehicles shall be maintained around or under the obstructions.

Section 5. In case of injury or damage to a street, way or property caused by the moving of said building, or by the obstruction of said sidewalks and streets, the owner of such

building or the contractor or builder shall at his own expense restore streets, ways and property to a like condition as before such moving and to the satisfaction of the superintendent of streets. Provided; however, that when a street has been paved or laid with macadam, asphalt, granite, wood block, or other paving material, the work of putting the street in condition for travel shall be done by the City of New Bedford, and the person, firm or corporation to whom the permit is granted shall pay the cost of the work so done, which may be recovered in an action of contract. The owner of said building or the contractor or builder shall hold the City of New Bedford harmless and indemnified from all loss, cost, damage, expense and liability on account of the moving of said building or of the obstruction of said sidewalks and streets and give a bond to said City of New Bedford of not less than five hundred dollars satisfactory to the city clerk therefor, substantially in the following form:—

KNOW ALL MEN BY THESE PRESENTS that.....
.....
.....
.....
are holden and stand firmly bound unto the City of New Bedford, a municipal corporation duly established according to law, in the sum of .....
.....
dollars to the payment of which to the said City of New Bedford, its successors and assigns, we hereby bind ourselves, our successors, heirs, executors and administrators. The condition of this Obligation is such that,

WHEREAS the said .....
.....
has been granted a permit for moving a building or obstruction of sidewalks and streets in the City of New Bedford.

NOW THEREFORE, the Condition of this Obligation is such that if the said .....
.....
.....
to whom said permit has been granted shall keep and perform all the requirements of the ordinances of the City of New Bedford relating to the moving of buildings, or the obstruction of sidewalks and streets for building purposes, and of said permit, and save said city harmless and indemnified from all loss,

cost, damage or expense in consequence of the moving of said building or the obstruction of said sidewalks and streets and the occupation of ways therefor, then this obligation shall be void, otherwise it shall be and remain in full force and virtue.

IN WITNESS WHEREOF we hereunto set our hands and seals this .....day of.....A. D. 19 .
Signed and sealed in the presence of .....
.....
Approved .....
City Clerk of New Bedford.

Section 6. Such permit shall not be in force until the bond required herein has been duly executed and approved by the city clerk.

Section 7. The owner and all persons engaged in the moving of said building, or obstruction of said sidewalks and streets shall at all times during such removal or such obstruction observe the instructions relative thereto given by the superintendent of streets, without in any manner invalidating the bond required in the preceding section nor involving the superintendent of streets or the City of New Bedford in any liability on account of such instructions.

Section 8. Any permit for moving a building or obstruction of sidewalks and streets as herein provided may be revoked by the mayor and aldermen, under the provisions of laws.

Section 9. Permits for moving a building or obstruction of sidewalks and streets shall be issued by the city clerk, subject to ratication by the mayor and aldermen, said permit to be provisional until ratified as aforesaid. Any owner who has been refused a provisional permit shall have the right to a hearing before the mayor and aldermen.

Section 10. The license fee for such permit to move a building or for the obstruction of sidewalks and streets for building purposes, which shall be paid to the city clerk before the issuance thereof, shall be five dollars, said fee if the mayor and board of aldermen refuse to ratify the provisional permit, shall be refunded to the owner.

Section 11. The owner, contractor or builder, who receives a permit for the obstruction of sidewalks and streets for building purposes shall post in a conspicuous place on said obstruction or on the building connected therewith, a card

furnished by the city clerk, said card shall state the time for which the permit is granted, to whom granted, and the space to be occupied by the obstruction.

Section 12. This ordinance shall take effect upon its passage.

Section 13. All ordinances, or parts of ordinances, inconsistent herewith, are hereby repealed.

In Board of Aldermen, April 27, 1916. Passed to be ordained.
EDWARD R. HATHAWAY, Mayor.

In Common Council, April 27, 1916. Passed to be ordained.
JOHN H. HOLLIHAN, President.

Presented to and approved by the Mayor, April 28, 1916. A true copy attest:— W. H. B. REMINGTON, City Clerk.

Licensing of Fish Pedlers.

AN ORDINANCE RELATIVE TO THE LICENSING OF FISH PEDLERS.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. The City Clerk is hereby authorized, under the provisions of law, to grant and issue to any person, 21 years of age and over, and deemed by him suitable, a license as a hawker and pedler of fish within the limits of the City of New Bedford; no person shall hawk and peddle fish, within said city limits, without such license. Such license shall run for one year from the date of issue, unless sooner revoked. The licensee shall at all times when in the exercise of his license, conspicuously wear a badge, which shall be furnished by the City Clerk, and shall display two wagon plates, which shall be furnished by the City Clerk, one on either side of the body of the vehicle, of whatever description, used by him in the exercise of said license. Each license, badge and wagon plate, issued by the City Clerk shall be numbered and a record thereof kept by the City Clerk. A fee of ten (10) dollars, which shall be in full payment for the license, badge and

wagon plates, shall be collected by the City Clerk before the issue of the license. Duplicate badges and wagon plates, if required to be issued, shall be charged for at the following rates: Badges, fifty cents each; wagon plates, one dollar per pair.

SECTION 2. Every license issued under the provisions of Section 1 of this ordinance shall be subject to the following sanitary conditions: Every vehicle used for the pedling of fish shall be kept at all times in a clean and wholesome condition. From June 1 to October 1 of each year, fish sold by hawkers and pedlers shall be properly iced while in transportation. Each vehicle shall be provided with a covered pail to contain offal, and it shall be unlawful to throw any such offal into or upon any street or way of the city of New Bedford.

SECTION 3. No license shall be issued under the provisions of section 1 unless the applicant files with his application a certificate signed by the sealer of weights and measures of the City of New Bedford that the weights and measures to be used in the exercise of the license have been sealed in accordance with law.

SECTION 4. Any license issued under the provisions of section 1 may be suspended by the Board of Mayor and Aldermen without hearing, or may be revoked by the Board of Mayor and Aldermen after hearing, notice of said hearing having been mailed to the licensee at the address given in his application for the license, at least seven days prior to said hearing. No license shall be issued to a person whose license has been revoked for a period of one year after the date of revocation.

SECTION 5. Violation of any of the provisions of this ordinance shall be punished by a fine not exceeding twenty dollars.

SECTION 6. This ordinance shall take effect on the first day of July, 1916.

In Board of Aldermen, June 22, 1916. Passed to be ordained.
EDWARD R. HATHAWAY, Mayor.

In Common Council, June 22, 1916. Passed to be ordained.
JOHN H. HOLLIHAN, President.

Presented to and approved by the Mayor, June 23, 1916. A true copy, attest:— JAMES DIGNAM, Asst. City Clerk.